

Test Report

No.: GZHL2207119383HM-1

Date: Aug 26, 2022

Page 1 of 25

DONGGUAN YOLOON SPORTS GOODS CO.,LTD
HUASHENG BUILDING, ZHONGXING ROAD 646, QIAOTOU TOWN, DONGGUAN, CHINA

Sample Description : SKI HELMET
Item No. : YL37
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Size : 46cm-50cm, 51cm-54cm, 55cm-58cm, 58cm-61cm
HPI (from basic plane) : 46cm-50cm: 40mm FOR EN960 495
51cm-54cm: 42mm FOR EN960 535
55cm-58cm: 44mm FOR EN960 575
58cm-61cm: 46mm FOR EN960 605

Sample Receiving Date : Jul 05, 2022
Test Performing Date : Jul 05, 2022 to Jul 13, 2022
Test Performed : EN 1077:2007,
Analysis of Azo Dye,
To Determine the pH Value,
Color Fastness to Perspiration

Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Lell Wu
Authorized Signatory

scan to see the report



GZHL2207119383HM-1



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Headlines

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgsgroup.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

I. Test Conducted: Based on **EN 1077:2007** Helmets for alpine skiers and snowboarders

Number of Tested Sample: 16 piece(s)

Test Results: Details shown as following table

Clause	Test Method/Requirement	Result
4.1	Materials For those parts of the helmet coming into contact with the skin the material used shall not be subject to any known appreciable alteration from contact with sweat or with substances likely to be found in toiletries. Materials shall not be used which are known to cause skin disorders or other adverse effects on health. For a material not in general use advice as to its suitability shall be sought before its introduction. Examples for documents which can be presented as evidence of chemical innocuousness are given in the NOTE.	Pass
4.2	Construction	
4.2.1	General The helmet shall be so designed and shaped that part of it (for example visor, rivets, ventilators, edges, fastening device etc.) are not likely to injure the user. This can be verified in accordance with 5.2. NOTE Helmets should: - have low weight; - be easy to put on and take off; - be usable with spectacles; - not significantly interfere with the ability of the user to hear; - have good durability and withstand normal handling; - permit cleaning.	Pass
4.2.2	Retention system	
4.2.2.1	General Means shall be provided for retaining the helmet on the wearer's head. All parts of the retention system shall be securely attached to the system or to the helmet, so it would not come off during its use. This can be verified in accordance with Clauses 5.7 and 5.8 NOTE It is recommended that the opening mechanism is marked with red or orange color.	Pass
	The color of any part of the retention system shall not be green.	Pass
4.2.2.2	Chin straps The chin strap shall not include a chin cup. Any chin strap shall be not less than 15 mm wide. This can be verified in accordance with 5.2 Chin straps may be fitted with means of enhancing comfort for the wearer.	Pass
4.2.2.3	Fastening devices Any retention system shall be fitted with a device to adjust and maintain tension in the system. The strength in the system shall be in accordance with 4.7.1.	Pass
4.3	Field of vision When tested in accordance with the related standard, there shall be no occultation in the field of vision bounded by angles as follows:	Pass See annex 5



Clause	Test Method/Requirement	Result
	-horizontally 105°; -upwards 25°; -downwards 45°.	
4.4	Extent of coverage	---
4.4.1	Class A For Class A, when positioned in accordance with the related standard on a headform of appropriate size, the helmet shall cover at least the area above the line BCDEA' in Figure 1. No parts of the coverage may be detachable. Examples of different headform sizes are given in Table 1. Those parts covering the area below the reference plane (shaded in Figure 1) shall be designed to give some Protection against mechanical risks like abrasion. This can be verified in accordance with 5.2. Smaller Openings for better hearing and/or ventilation are allowed.	NA
4.4.2	Class B For Class B, when positioned in accordance with the related standard on a headform of appropriate size, the helmet shall cover at least the area above the line BCA' in Figure 1. Parts below the AA' plane (shaded part in Figure 1) are optional and may be detachable and/or removable. Examples of different headform sizes are given in Table 1.	Pass
4.5	Shock absorbing capacity When tested in accordance with 5.5 the peak acceleration shall not, for each impact, exceed 250g.	Pass See annex 2
4.6	Resistance to penetration When tested in accordance with 5.6 the point of the punch shall not touch the headform.	Pass See annex 3
4.7	Retention system performance	
4.7.1	Strength	
	When tested in accordance with 5.7, the dynamic extension shall not exceed 35 mm and the residual extension shall not exceed 25 mm. For this purpose, extension includes slippage of the fastening device.	Pass See annex 4
	Following the test the retention system shall still permit the helmet to be released from the headform by normal operation of the release system.	Pass
	Damage to the retention system shall be accepted provided that the above requirements are met.	Pass
4.7.2	Effectiveness When tested in accordance with 5.8 the helmet, selected to be of appropriate size, shall not come off the headform.	Pass
4.8	Durability After being tested the helmet shall not show damage that would cause an additional injury to the wearer's head (sharp edges, points etc.). This can be verified in accordance with 5.2.	Pass
6	Marking	



Clause	Test Method/Requirement	Result
	Each helmet shall be permanently marked in such a way that the following information is easily legible by the user and is likely to remain legible throughout the life of the helmet:	NT
	a. number of this European Standard, i.e. EN 1077;	NT
	b. name or trademark of the manufacturer;	NT
	c. designation of the model;	NT
	d. designation (on class A helmet only): 'helmet for alpine skiers and for snowboarders – class A';	NT
	e. designation (on class B helmet only): 'helmet for alpine skiers and for snowboarders – class B';	NT
	f. size or size range of the helmet, quoted as the circumference (in cm) of the head which the helmet is intended to fit;	NT
	g. weight of the helmet (the average mass in grams of the helmet size in question rounded to the nearest 50 g);	NT
	h. year and quarter of manufacture.	NT
7	Information to be supplied by the manufacturer	
	With every helmet distinct information in the language(s) of the country of sale shall be furnished as follows:	NT
	a. maintenance, cleaning and storage;	NT
	b. suitable accessories;	NT
	c. warning if the shell is made of a material that is known to be adversely affected by contact with hydrocarbons, cleaning fluids, paints, transfers or other extraneous additions;	NT
	d. that the helmet shall be adjusted to fit the wearer;	NT
	e. how the helmet should rest on the head to ensure the intended protection (e.g. that it should be placed so as to protect the forehead and not be pushed too far back over the back of the head);	NT
	f. that a helmet subjected to violent impact shall be discarded;	NT
	g. the following text: 'Class A and class B helmets are for alpine skiers, snowboarders and similar groups. Class A helmets offer comparatively more protection. Class B helmets may offer greater ventilation and better hearing, but protect a smaller area of the head and give a lesser degree of protection from penetration.'	NT



Test Report

No.: GZHL2207119383HM-1

Date: Aug 26, 2022

Page 5 of 25

Model: YL37

Size: 46-50 cm

Test headform: 495 (EN 960:2006)

Annex-1: Mass

Mass of the samples:

Sample No.	Mass (g)
1	349
2	347
3	334
4	350
Average	345.0

Annex-2: Impact energy attenuation test

Test Specification: EN 1077:2007-5.5

Ambient temperature at time of test: 21.5°C

Sample No.	Condition	Test Anvil	Test site	Velocity (m/s)	Peak'G	Result
1	Room conditioning (Clause 5.3.1)	Flat	Front	5.35	153.8	Pass
		Flat	Rear	5.33	127.8	Pass
2	Low temperature conditioning (Clause 5.3.2)	Flat	Crown	5.35	190.4	Pass
		Flat	Left	5.35	193.8	Pass
3	Artificial ageing (Clause 5.3.3)	Flat	Left Front	5.34	160.6	Pass
		Flat	Right Rear	5.34	156.5	Pass

Annex-3: Resistance to penetration test:

Test Specification: EN 1077:2007-5.6

Ambient temperature at time of test: 21.5 °C

Sample No.	Headform	Condition	Site	Test description	Result
4	Test block (EN 13087-3:2000, 5.3.2)	Ambient temperature	Left	Not contact with the Test block	Pass
			Crown	Not contact with the Test block	Pass
			Right Rear	Not contact with the Test block	Pass

Annex-4: Retention system strength

Test Specification: EN 1077:2007-5.7

Ambient temperature at time of test: 21.5 °C

Sample No.	Condition	Dynamic extension (mm)	Residual extension (mm)	Result
4	Room conditioning (Clause 5.3.1)	14.2	6.6	Pass



SGS-CSTC (China) Technical Services Co., Ltd.
Guangzhou Branch Testing Center Harbinlines

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Annex-5: Field of vision

Test Specification: EN 1077:2007-5.8

Horizontal: >105°

Upward: >25°

Downward: >45°

Model: YL37

Size: 51-54 cm

Test headform: 535 (EN 960:2006)

Annex-1: Mass

Mass of the samples:

Sample No.	Mass (g)
1	384
2	384
3	382
4	389
Average	384.8

Annex-2: Impact energy attenuation test

Test Specification: EN 1077:2007-5.5

Ambient temperature at time of test: 21.5°C

Sample No.	Condition	Test Anvil	Test site	Velocity (m/s)	Peak'G	Result
1	Room conditioning (Clause 5.3.1)	Flat	Front	5.36	184.3	Pass
		Flat	Rear	5.34	148.0	Pass
2	Low temperature conditioning (Clause 5.3.2)	Flat	Crown	5.34	186.5	Pass
		Flat	Left	5.32	196.3	Pass
3	Artificial ageing (Clause 5.3.3)	Flat	Left Front	5.36	196.7	Pass
		Flat	Right Rear	5.33	152.2	Pass

Annex-3: Resistance to penetration test:

Test Specification: EN 1077:2007-5.6

Ambient temperature at time of test: 21.5 °C

Sample No.	Headform	Condition	Site	Test description	Result
4	Test block (EN 13087-3:2000, 5.3.2)	Ambient temperature	Left	Not contact with the Test block	Pass
			Crown	Not contact with the Test block	Pass
			Right Rear	Not contact with the Test block	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (China) Technical Services Co., Ltd.
Guangzhou Branch Testing Center Harbin

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Test Report

No.: GZHL2207119383HM-1

Date: Aug 26, 2022

Page 7 of 25

Annex-4: Retention system strength

Test Specification: EN 1077:2007-5.7

Ambient temperature at time of test: 21.5 °C

Sample No.	Condition	Dynamic extension (mm)	Residual extension (mm)	Result
4	Room conditioning (Clause 5.3.1)	13.9	7.5	Pass

Annex-5: Field of vision

Test Specification: EN 1077:2007-5.8

Horizontal: >105°

Upward: >25°

Downward: >45

Model: YL37

Size: 55-58 cm

Test headform: 575 (EN 960:2006)

Annex-1: Mass

Mass of the samples:

Sample No.	Mass (g)
1	363
2	371
3	369
4	370
Average	368.2

Annex-2: Impact energy attenuation test

Test Specification: EN 1077:2007-5.5

Ambient temperature at time of test: 21.5°C

Sample No.	Condition	Test Anvil	Test site	Velocity (m/s)	Peak'G	Result
1	Room conditioning (Clause 5.3.1)	Flat	Front	5.33	209.4	Pass
		Flat	Rear	5.33	145.3	Pass
2	Low temperature conditioning (Clause 5.3.2)	Flat	Crown	5.38	245.6	Pass
		Flat	Left	5.33	214.9	Pass
3	Artificial ageing (Clause 5.3.3)	Flat	Left Front	5.38	180.6	Pass
		Flat	Right Rear	5.33	132.9	Pass



Annex-3: Resistance to penetration test:

Test Specification: EN 1077:2007-5.6

Ambient temperature at time of test: 21.5 °C

Sample No.	Headform	Condition	Site	Test description	Result
4	Test block (EN 13087-3:2000, 5.3.2)	Ambient temperature	Left	Not contact with the Test block	Pass
			Crown	Not contact with the Test block	Pass
			Right Rear	Not contact with the Test block	Pass

Annex-4: Retention system strength

Test Specification: EN 1077:2007-5.7

Ambient temperature at time of test: 21.5 °C

Sample No.	Condition	Dynamic extension (mm)	Residual extension (mm)	Result
4	Room conditioning (Clause 5.3.1)	14.8	7.5	Pass

Annex-5: Field of vision

Test Specification: EN 1077:2007-5.8

Horizontal: >105°

Upward: >25°

Downward: >45

Model: YL37

Size: 58-61 cm

Test headform: 605 (EN 960:2006)

Annex-1: Mass

Mass of the samples:

Sample No.	Mass (g)
1	418
2	413
3	410
4	409
Average	412.5



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

198 Kezhu Road, Sciencetech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Annex-2: Impact energy attenuation test

Test Specification: EN 1077:2007-5.5

Ambient temperature at time of test: 21.5°C

Sample No.	Condition	Test Anvil	Test site	Velocity (m/s)	Peak'G	Result
1	Room conditioning (Clause 5.3.1)	Flat	Front	5.33	206.1	Pass
		Flat	Rear	5.35	169.0	Pass
2	Low temperature conditioning (Clause 5.3.2)	Flat	Crown	5.32	240.7	Pass
		Flat	Left	5.37	225.9	Pass
3	Artificial ageing (Clause 5.3.3)	Flat	Left Front	5.33	207.3	Pass
		Flat	Right Rear	5.32	151.7	Pass

Annex-3: Resistance to penetration test:

Test Specification: EN 1077:2007-5.6

Ambient temperature at time of test: 21.5 °C

Sample No.	Headform	Condition	Site	Test description	Result
4	Test block (EN 13087-3:2000, 5.3.2)	Ambient temperature	Left	Not contact with the Test block	Pass
			Crown	Not contact with the Test block	Pass
			Right Rear	Not contact with the Test block	Pass

Annex-4: Retention system strength

Test Specification: EN 1077:2007-5.7

Ambient temperature at time of test: 21.5 °C

Sample No.	Condition	Dynamic extension (mm)	Residual extension (mm)	Result
4	Room conditioning (Clause 5.3.1)	15.6	6.8	Pass

Annex-5: Field of vision

Test Specification: EN 1077:2007-5.8

Horizontal: >105°

Upward: >25°

Downward: >45°



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

II. Analysis of AZO Dye and to Determine the PH Value in the submitted sample.

SGS Ref No.: CAN22-114487

Test Requested	Result
pH value	See Results
Entry 43 of Commission Regulation (EU) 2020/2096 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Azodyes	PASS

Test Result(s) :

Test Part Description :

SGS Sample ID	Description
CAN22-114487.001	Black floss sheet
CAN22-114487.002	Black fabric
CAN22-114487.003	Black smooth fabric
CAN22-114487.004	Black fabric strap

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

pH value

Test Method : With reference to ISO 3071:2020, analysis was performed by pH meter.

Test Item(s)	001	002	003
pH value	6.6	5.6	5.6

Test Item(s)	004
pH value	6.1

Notes :

- (1) Extraction medium: KCl solution
- (2) pH value of extraction medium: 5.0 - 7.5
- (3) Temperature of the extraction solution: 22±2°C


 SGS-CSTC Shanghai Technical Services Co., Ltd.
 Guangzhou Branch Testing Center Harbin

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Entry 43 of Commission Regulation (EU) 2020/2096 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Azodyes

Test Method : With reference to EN ISO14362-1:2017, analysis was conducted with GC-MS/HPLC-DAD.
Determination of 4-aminoazobenzene (CAS No.:60-09-3): with reference to EN ISO14362-3:2017, analysis was conducted with GC-MS/HPLC-DAD.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001	
					Method A	Method B
4-Aminobiphenyl	92-67-1	30	mg/kg	5	ND	ND
Benzidine	92-87-5	30	mg/kg	5	ND	ND
4-chloro-o-toluidine	95-69-2	30	mg/kg	5	ND	ND
2-naphthylamine	91-59-8	30	mg/kg	5	ND	ND
o-aminoazotoluene	97-56-3	30	mg/kg	5	ND	ND
5-nitro-o-toluidine /	99-55-8	30	mg/kg	5	ND	ND
2-Amino-4-nitrotoluene						
4-chloroaniline	106-47-8	30	mg/kg	5	ND	ND
4-methoxy-m-phenylenediamine	615-05-4	30	mg/kg	5	ND	ND
/ 2,4-Diaminoanisole						
4,4'-diaminodiphenylmethane, MDA	101-77-9	30	mg/kg	5	ND	ND
3,3'-dichlorobenzidine	91-94-1	30	mg/kg	5	ND	ND
3,3'-dimethoxybenzidine	119-90-4	30	mg/kg	5	ND	ND
3,3'-dimethylbenzidine	119-93-7	30	mg/kg	5	ND	ND
4,4'-methylenedi-o-toluidine/3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	30	mg/kg	5	ND	ND
p-cresidine	120-71-8	30	mg/kg	5	ND	ND
4,4'-methylene-bis-(2-chloroaniline)	101-14-4	30	mg/kg	5	ND	ND
4,4'-oxydianiline	101-80-4	30	mg/kg	5	ND	ND
4,4'-thiodianiline	139-65-1	30	mg/kg	5	ND	ND
o-toluidine	95-53-4	30	mg/kg	5	ND	ND
4-methyl-m-phenylenediamine / 2,4-Toluyldiamine, TDA	95-80-7	30	mg/kg	5	ND	ND
2,4,5-trimethylaniline	137-17-7	30	mg/kg	5	ND	ND
4-aminoazobenzene	60-09-3	30	mg/kg	5	ND	ND
O-Anisidine	90-04-0	30	mg/kg	5	ND	ND
2,4-Xyldine	95-68-1	30	mg/kg	5	ND	ND
2,6-Xyldine	87-62-7	30	mg/kg	5	ND	ND
Comment					PASS	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Test Report

No.: GZHL2207119383HM-1

Date: Aug 26, 2022

Page 12 of 25

Test Item(s)	CAS NO.	Limit	Unit	MDL	002	
					Method A	Method B
4-Aminobiphenyl	92-67-1	30	mg/kg	5	ND	ND
Benzidine	92-87-5	30	mg/kg	5	ND	ND
4-chloro-o-toluidine	95-69-2	30	mg/kg	5	ND	ND
2-naphthylamine	91-59-8	30	mg/kg	5	ND	ND
o-aminoazotoluene	97-56-3	30	mg/kg	5	ND	ND
5-nitro-o-toluidine /	99-55-8	30	mg/kg	5	ND	ND
2-Amino-4-nitrotoluene						
4-chloroaniline	106-47-8	30	mg/kg	5	ND	ND
4-methoxy-m-phenylenediamine	615-05-4	30	mg/kg	5	ND	ND
/ 2,4-Diaminoanisole						
4,4'-diaminodiphenylmethane,	101-77-9	30	mg/kg	5	ND	ND
MDA						
3,3'-dichlorobenzidine	91-94-1	30	mg/kg	5	ND	ND
3,3'-dimethoxybenzidine	119-90-4	30	mg/kg	5	ND	ND
3,3'-dimethylbenzidine	119-93-7	30	mg/kg	5	ND	ND
4,4'-methylenedi-o-toluidine/3,3'-	838-88-0	30	mg/kg	5	ND	ND
Dimethyl-4,4'-diaminodiphenylm						
ethane						
p-cresidine	120-71-8	30	mg/kg	5	ND	ND
4,4'-methylene-bis-	101-14-4	30	mg/kg	5	ND	ND
(2-chloroaniline)						
4,4'-oxydianiline	101-80-4	30	mg/kg	5	ND	ND
4,4'-thiodianiline	139-65-1	30	mg/kg	5	ND	ND
o-toluidine	95-53-4	30	mg/kg	5	ND	ND
4-methyl-m-phenylenediamine /	95-80-7	30	mg/kg	5	ND	ND
2,4-Toluyldiamine, TDA						
2,4,5-trimethylaniline	137-17-7	30	mg/kg	5	ND	ND
4-aminoazobenzene	60-09-3	30	mg/kg	5	ND	ND
O-Anisidine	90-04-0	30	mg/kg	5	ND	ND
2,4-Xylidine	95-68-1	30	mg/kg	5	ND	ND
2,6-Xylidine	87-62-7	30	mg/kg	5	ND	ND
Comment					PASS	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Test Report

No.: GZHL2207119383HM-1

Date: Aug 26, 2022

Page 13 of 25

Test Item(s)	CAS NO.	Limit	Unit	MDL	003	
					Method A	Method B
4-Aminobiphenyl	92-67-1	30	mg/kg	5	ND	ND
Benzidine	92-87-5	30	mg/kg	5	ND	ND
4-chloro-o-toluidine	95-69-2	30	mg/kg	5	ND	ND
2-naphthylamine	91-59-8	30	mg/kg	5	ND	ND
o-aminoazotoluene	97-56-3	30	mg/kg	5	ND	ND
5-nitro-o-toluidine /	99-55-8	30	mg/kg	5	ND	ND
2-Amino-4-nitrotoluene						
4-chloroaniline	106-47-8	30	mg/kg	5	ND	ND
4-methoxy-m-phenylenediamine	615-05-4	30	mg/kg	5	ND	ND
/ 2,4-Diaminoanisole						
4,4'-diaminodiphenylmethane,	101-77-9	30	mg/kg	5	ND	ND
MDA						
3,3'-dichlorobenzidine	91-94-1	30	mg/kg	5	ND	ND
3,3'-dimethoxybenzidine	119-90-4	30	mg/kg	5	ND	ND
3,3'-dimethylbenzidine	119-93-7	30	mg/kg	5	ND	ND
4,4'-methylenedi-o-toluidine/3,3'-	838-88-0	30	mg/kg	5	ND	ND
Dimethyl-4,4'-diaminodiphenylm						
ethane						
p-cresidine	120-71-8	30	mg/kg	5	ND	ND
4,4'-methylene-bis-	101-14-4	30	mg/kg	5	ND	ND
(2-chloroaniline)						
4,4'-oxydianiline	101-80-4	30	mg/kg	5	ND	ND
4,4'-thiodianiline	139-65-1	30	mg/kg	5	ND	ND
o-toluidine	95-53-4	30	mg/kg	5	ND	ND
4-methyl-m-phenylenediamine /	95-80-7	30	mg/kg	5	ND	ND
2,4-Toluyldiamine, TDA						
2,4,5-trimethylaniline	137-17-7	30	mg/kg	5	ND	ND
4-aminoazobenzene	60-09-3	30	mg/kg	5	ND	ND
O-Anisidine	90-04-0	30	mg/kg	5	ND	ND
2,4-Xylidine	95-68-1	30	mg/kg	5	ND	ND
2,6-Xylidine	87-62-7	30	mg/kg	5	ND	ND
Comment					PASS	PASS



SGS-CSTC (China) Technical Services Co., Ltd.
Guangzhou Branch Testing Center Harbin

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Test Report

No.: GZHL2207119383HM-1

Date: Aug 26, 2022

Page 14 of 25

Test Item(s)	CAS NO.	Limit	Unit	MDL	004	
					Method A	Method B
4-Aminobiphenyl	92-67-1	30	mg/kg	5	ND	ND
Benzidine	92-87-5	30	mg/kg	5	ND	ND
4-chloro-o-toluidine	95-69-2	30	mg/kg	5	ND	ND
2-naphthylamine	91-59-8	30	mg/kg	5	ND	ND
o-aminoazotoluene	97-56-3	30	mg/kg	5	ND	ND
5-nitro-o-toluidine /	99-55-8	30	mg/kg	5	ND	ND
2-Amino-4-nitrotoluene						
4-chloroaniline	106-47-8	30	mg/kg	5	ND	ND
4-methoxy-m-phenylenediamine	615-05-4	30	mg/kg	5	ND	ND
/ 2,4-Diaminoanisole						
4,4'-diaminodiphenylmethane,	101-77-9	30	mg/kg	5	ND	ND
MDA						
3,3'-dichlorobenzidine	91-94-1	30	mg/kg	5	ND	ND
3,3'-dimethoxybenzidine	119-90-4	30	mg/kg	5	ND	ND
3,3'-dimethylbenzidine	119-93-7	30	mg/kg	5	ND	ND
4,4'-methylenedi-o-toluidine/3,3'-	838-88-0	30	mg/kg	5	ND	ND
Dimethyl-4,4'-diaminodiphenylm						
ethane						
p-cresidine	120-71-8	30	mg/kg	5	ND	ND
4,4'-methylene-bis-	101-14-4	30	mg/kg	5	ND	ND
(2-chloroaniline)						
4,4'-oxydianiline	101-80-4	30	mg/kg	5	ND	ND
4,4'-thiodianiline	139-65-1	30	mg/kg	5	ND	ND
o-toluidine	95-53-4	30	mg/kg	5	ND	ND
4-methyl-m-phenylenediamine /	95-80-7	30	mg/kg	5	ND	ND
2,4-Toluyldiamine, TDA						
2,4,5-trimethylaniline	137-17-7	30	mg/kg	5	ND	ND
4-aminoazobenzene	60-09-3	30	mg/kg	5	ND	ND
O-Anisidine	90-04-0	30	mg/kg	5	ND	ND
2,4-Xylidine	95-68-1	30	mg/kg	5	ND	ND
2,6-Xylidine	87-62-7	30	mg/kg	5	ND	ND
Comment					PASS	PASS



SGS-CSTC (China) Technical Services Co., Ltd.
Guangzhou Branch Testing Center Harbin

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Notes :

1. Direct reduction (Method A) refers to the extraction and reduction according to EN ISO 14362-1:2017 clause 10.2 and relevant clauses. Colorant extraction (Method B) refers to the colourant extraction and subsequent reduction according to EN ISO 14362-1:2017 Clause 10.1 and relevant clauses.
2. 4-Aminodiphenyl (CAS No. 92-67-1), 2-Naphthylamine (CAS No. 91-59-8) and 2,4-Diaminoanisole (CAS No. 615-05-4) can be indirectly generated from some colorants which do not contain these amines azo bound. The use of banned azo colorants cannot be reliably ascertained without additional information.
3. In case PU is used, e.g. PU Foams or coatings, it cannot be ruled out that MDA (CAS No. 101-77-9) and TDA (CAS No. 95-80-7) can be released from PU material, not from banned azo colorant. Similarly, for pigment prints, MDA will be released from a chemical fixing agent.
4. EN ISO 14362-1:2017 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is considered as "ND" (i.e. <5.0 mg/kg). Otherwise, EN ISO 14362-3:2017 will be employed to verify the presence of 4-AAB.

Sample photo:



Product Photo



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com



Product Photo



Product Photo





Product Photo

III. Colour Fastness to Perspiration.

SGS Ref No.: SL92209278247101TX

Sample Description : 1#BLACK FABRIC(VELVET)
2#BLACK FABRIC
3#BLACK FABRIC(SMOOTH)
4#BLACK STRAP



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (China) Technical Services Co., Ltd.
Guangzhou Branch Testing Center Harbinlines

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Test Result

Colour Fastness To Perspiration

(ISO 105-E04:2013; Test specimen in vertical position)

Acid

-	Unit	A	B	C	Requirement
Change in Shade	Grade	4-5	4-5	4-5	-
Staining On Multi-fibre Stripe					-
Acetate	Grade	4	4-5	4-5	-
Cotton	Grade	4-5	4-5	4-5	-
Polyamide	Grade	4	4-5	4-5	-
Polyester	Grade	4-5	4-5	4-5	-
Acrylic	Grade	4-5	4-5	4-5	-
Wool	Grade	4-5	4-5	4-5	-
-	Unit	D	Requirement		
Change in Shade	Grade	4-5	-		
Staining On Multi-fibre Stripe			-		
Acetate	Grade	4-5	-		
Cotton	Grade	4-5	-		
Polyamide	Grade	4-5	-		
Polyester	Grade	4-5	-		
Acrylic	Grade	4-5	-		
Wool	Grade	4-5	-		



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (China) Technical Services Co., Ltd.
Guangzhou Branch Testing Center Harbin

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Test Report

No.: GZHL2207119383HM-1

Date: Aug 26, 2022

Page 19 of 25

Alkaline

-	Unit	A	B	C	Requirement
Change in Shade	Grade	4-5	4-5	4-5	-
Staining On Multi-fibre Stripe					-
Acetate	Grade	4	4-5	4-5	-
Cotton	Grade	4-5	4-5	4-5	-
Polyamide	Grade	4	4-5	4-5	-
Polyester	Grade	4-5	4-5	4-5	-
Acrylic	Grade	4-5	4-5	4-5	-
Wool	Grade	4-5	4-5	4-5	-
-	Unit	D	Requirement		
Change in Shade	Grade	4-5	-		
Staining On Multi-fibre Stripe			-		
Acetate	Grade	4-5	-		
Cotton	Grade	4-5	-		
Polyamide	Grade	4-5	-		
Polyester	Grade	4-5	-		
Acrylic	Grade	4-5	-		
Wool	Grade	4-5	-		

Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is worst and 5 is best.



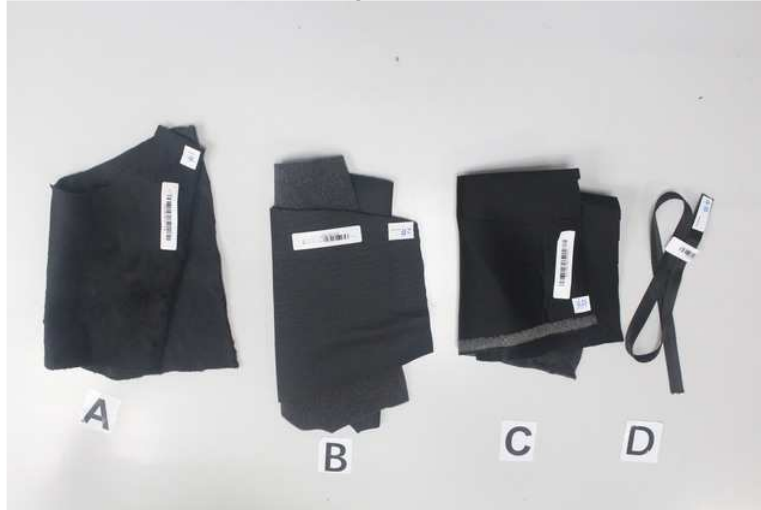
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Scientific Technical Services Co., Ltd.
Guangzhou Branch Testing Center Harbin

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Sample Photo



Remark:

1. Pass means the test sample met the requirement of the test item.
2. NA means not applicable.
NT means not tested as per client's request.
3. A material list for each part of the product and a statement to announce the material complying with requirements of the standard are received from the manufacturer.
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.
5. Only No.1 is tested in this report, other results & photos are extracted from the test report number GZHL2205112794HM.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Guangzhou Branch
Guangzhou Branch Testing Center Harbinlines

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgsgroup.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Sample photos:

Front view	
Side view	



Back view	
Top view	



Bottom view	
Test line for 495 EN 960:2006 head form	



Test line for 535 EN
960:2006 head form



Test line for 575 EN
960:2006 head form



Test line for 605 EN
960:2006 head form



Remark: This test report is to supersede No. GZHL2207119383HM test report which was issued on Jul 20, 2022. And the original test reports (paper and electronic) are invalid.

End of Report



SGS-CSTC 通标标准技术服务有限公司 广州分公司
Guangzhou Branch Testing Center Harlines

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

198 Kezhu Road, Science Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com