

Intertek

Test Report

Applicant: JIANGXI LINZ SPECIALS CO., LTD
LENGZHI INDUSTRIAL ZONE
GUANGCHANG CUNTRY, FUZHOU CITY
JIANGXI PROVINCE
Attn: SUN XINGWEI



中国认可
国际互认
检测
TESTING
CNAS L0220

Number: GZHT90681181

Date: Feb 20, 2017

Sample Description:

Five (5) pieces of submitted samples said to be Non-metallic anti-penetration insert.
Standard : EN 12568: 2010
Date Received/Date Test Started Feb. 13, 2017
Date Final Information Confirmed/ --/Feb. 20, 2017
Date Payment Received:

Test Result Please Refer To Attached Page(S).

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Huang Ning, Andy
Assistant General Manager



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EC / mikaliang

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Tests Conducted (As Requested By The Applicant)

- 1 Nail Penetration Resistance After Thermal Ageing Test Of Non-Metal Penetration Resistant Inserts (EN 12568: 2010, 6.2.1 & 6.4)

		Requirement	Pass/Fail
	Effect Of High Temperature Temp. (60°C × 4 Hours, Then 45°C × 18 Hours)		
<u>Specimen 1</u>	No Nail Penetration At 1,100 N. & No Separation Of The Layers Occurred Before 1,100 N.	*	Pass
<u>Specimen 2</u>	No Nail Penetration At 1,100 N. & No Separation Of The Layers Occurred Before 1,100 N.	*	Pass

Remark: * = The Tip Of The Test Nail Shall Not Penetrate Through The Test Piece And Separation Of The Layers Shall Not Occur Before 1,100 N.

- 2 Nail Penetration Resistance After Thermal Ageing Test Of Non-Metal Penetration Resistant Inserts (EN 12568: 2010, 6.2.1 & 6.4)

		Requirement	Pass/Fail
	Effect Of Low Temperature Temp. (-20°C × 4 Hours, Then -6°C × 18 Hours)		
<u>Specimen 1</u>	No Nail Penetration At 1,100 N. & No Separation Of The Layers Occurred Before 1,100 N.	*	Pass
<u>Specimen 2</u>	No Nail Penetration At 1,100 N. & No Separation Of The Layers Occurred Before 1,100 N.	*	Pass

Remark: * = The Tip Of The Test Nail Shall Not Penetrate Through The Test Piece And Separation Of The Layers Shall Not Occur Before 1,100 N.

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- 3 Nail Penetration Resistance After Chemical Ageing Test Of Non-Metal Penetration Resistant Inserts (EN 12568:2010, 6.2.1 & 6.4)

		<u>Requirement</u>	<u>Pass/Fail</u>
	Effect Of Acid (1 mol/l H ₂ SO ₄ × 23°C × 24 Hours)		
<u>Specimen 1</u>	No Nail Penetration At 1,100 N. & No Separation Of The Layers Occurred Before 1,100 N.	*	Pass
<u>Specimen 2</u>	No Nail Penetration At 1,100 N. & No Separation Of The Layers Occurred Before 1,100 N.	*	Pass

Remark: * = The Tip Of The Test Nail Shall Not Penetrate Through The Test Piece And Separation Of The Layers Shall Not Occur Before 1,100 N.

- 4 Nail Penetration Resistance After Chemical Ageing Test Of Non-Metal Penetration Resistant Inserts (EN 12568:2010,6.2.1 & 6.4)

		<u>Requirement</u>	<u>Pass/Fail</u>
	Effect Of Alkali (1 mol/l NaOH × 23°C × 24 Hours)		
<u>Specimen 1</u>	No Nail Penetration At 1,100 N. & No Separation Of The Layers Occurred Before 1,100 N.	*	Pass
<u>Specimen 2</u>	No Nail Penetration At 1,100 N. & No Separation Of The Layers Occurred Before 1,100 N.	*	Pass

Remark: * = The Tip Of The Test Nail Shall Not Penetrate Through The Test Piece And Separation Of The Layers Shall Not Occur Before 1,100 N.



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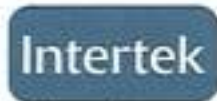
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- 5 Nail Penetration Resistance After Chemical Ageing Test Of Non-Metal Penetration Resistant Inserts (EN 12568: 2010, 6.2.1 & 6.4)

		Requirement	Pass/Fail
	Effect Of Fuel Oil (2,2,4-Trimethylpentane × 23°C × 24 Hours)		
<u>Specimen 1</u>	No Nail Penetration At 1,100 N. & No Separation Of The Layers Occurred Before 1,100 N.	*	Pass
<u>Specimen 2</u>	No Nail Penetration At 1,100 N. & No Separation Of The Layers Occurred Before 1,100 N.	*	Pass

Remark: * = The Tip Of The Test Nail Shall Not Penetrate Through The Test Piece And Separation Of The Layers Shall Not Occur Before 1,100 N.

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