



RSL Test Report



Test Report

Report No :DST20231204136003EN

Date:Jan.02, 2024

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Applicant : Newsun Silicone Products Co.,Limited
Address : 101, Building 3, Changguang Industrial Park, No. 40 Aoxin Road, Bao'an Community, Yuanshan Street, Longgang District, Shenzhen,Guangdong,China
Manufacturer : Dongguan Eversoul Silicone Products Co.,Ltd
Address : 301,302,401, No.28 building, Dongshen Rd Fenggang Part No.179, Fenggang Town, Dongguan,Guangdong

The following sample(s) was /were submitted and identified on behalf of the clients as :

Sample Name : Silicone Baby Feeding Set
Sample Model : RXLBD2401
Sample Received Date : Dec.26, 2023
Testing Period : Dec.26, 2023 To Jan.02, 2024
Test Requested : Test samples according to customer requirements.
Test Method : Please refer to next page(s).
Test Result : Please refer to next page(s).
CPSC Lab ID : 1779

Result Summary:

Test Requested	Conclusion
EN 14372:2004-General and mechanical requirements.	Pass

Cong Deng
Technical director

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Sample Description:

No.	Description
1	Green silicone
2	Silicone pacifier
3	Blue plastic (PPSU material)
4	Silicone Baby Feeding Set(Finished product)

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Test Result:

1.EN 14372:2004-General and mechanical requirements

Test Result:

Clause	Testing items	Result
		No.4
5	Requirements	--
5.1	General	P
5.2	General requirements.	--
5.2.1	Visual and tactile examination	P
5.2.2	Sharp points	P
5.2.3	Sharp edges	P
5.2.4	Small parts	P
5.2.5	Holes (Finger traps)	NA
5.2.6	Printed decorations	NA
5.3	Mechanical requirements	--
5.3.1	Tensile strength.	P
5.3.2	Torque test	P
5.3.3	Tear resistance	P
5.3.4	Strength/rigidity	P
5.3.5	Drop test	P
5.4	Chemical requirements	--
5.4.1	General	P
5.4.2	Chemical properties	P
6	Test methods	--
6.1	Preparation of samples and general testing conditions	P
6.2	Mechanical tests	P
6.2.1	Sharp points tests	P

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Clause	Testing items	Result
		No.4
6.2.2	Sharp edges test	P
6.2.3	Tensile test	P
6.2.4	Tear resistance test	P
6.2.5	Strength/rigidity	P
6.3	Chemical test	--
6.3.1	Determination of the migration of certain elements	P
6.3.2	Determination of phthalate content	P
6.3.3	Determination of volatile compounds content	NA
6.3.4	Determination of formaldehyde release	NA
6.3.5	Determination of nickel release	NA
6.3.6	Determination of 2,2-bis(4-hydroxyphenyl)propane [Bisphenol A] (BPA) release	P
7	Product information	--
7.1	General	P
7.2	Purchase information	NA
7.3	Instruction for use	NA
7.4	Warnings	P
Remark :	1. P=Pass, 2. NA= Not Applicable, 3. F=Fail	

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1.1.1 Migration Of Certain Elements

As per European standard on safety of toys EN71-3: 2019+A1:2021

Migration test

Test Item(s)	Unit	Result 1	Result 2	MDL	Limit
Soluble Antimony(Sb)	mg/kg	N.D.	N.D.	5	15
Soluble Arsenic(As)	mg/kg	N.D.	N.D.	5	10
Soluble Barium(Ba)	mg/kg	N.D.	N.D.	5	100
Soluble Cadmium(Cd)	mg/kg	N.D.	N.D.	5	20
Soluble Chromium(Cr)	mg/kg	N.D.	N.D.	5	10
Soluble Lead(Pb)	mg/kg	N.D.	N.D.	5	25
Soluble Selenium(Se)	mg/kg	N.D.	N.D.	5	100
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	5	10

Test Item(s)	Unit	Result 3	--	MDL	Limit
Soluble Antimony(Sb)	mg/kg	N.D.	--	5	15
Soluble Arsenic(As)	mg/kg	N.D.	--	5	10
Soluble Barium(Ba)	mg/kg	N.D.	--	5	100
Soluble Cadmium(Cd)	mg/kg	N.D.	--	5	20
Soluble Chromium(Cr)	mg/kg	N.D.	--	5	10
Soluble Lead(Pb)	mg/kg	N.D.	--	5	25
Soluble Selenium(Se)	mg/kg	N.D.	--	5	100
Soluble Mercury (Hg)	mg/kg	N.D.	--	5	10

Note:

1. mg/= ppm;
2. N.D.=No Detection(<MDL);
3. MDL =Method Detection Limit;

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1.1.2.VOC test:

Test Method: EN14372: 2004

Test Item(s)	Unit	MDL	Limit	Result 1
VOC	%	0.001	0.5	0.0028

Test Item(s)	Unit	MDL	Limit	Result 2
VOC	%	0.001	0.5	N.D.

Test Item(s)	Unit	MDL	Limit	Result 3
VOC	%	0.001	0.5	N.D.

Note:

1.mg/= ppm;

2.N.D.=No Detection(<MDL);

3.MDL =Method Detection Limit;

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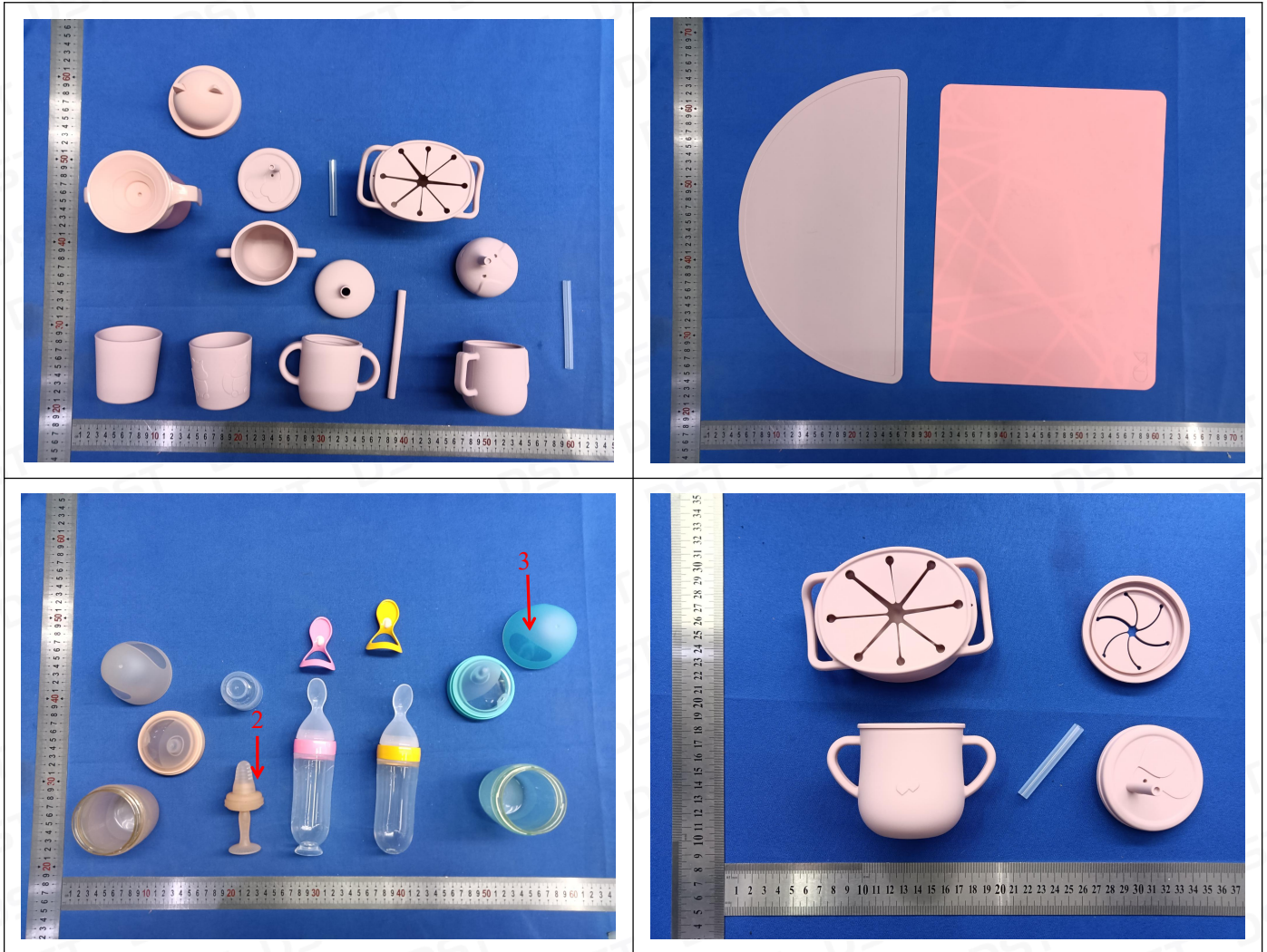


Sample and packaging pictures:

Test sample pictures



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*** End of Report ***

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