

SiSiB[®] LR13xx

LSR for baby care (high tear strength)

KEY FEATURES

- High tensile and tear strength.
- Excellent transparency.
- Good rebound.
- Long term flexibility over a temperature range from -50°C to 230°C.
- Yellowing resistance.
- USA FDA CFR 21. Part. 177.2600, EN14350-2
Section 4.9 testing standards for volatile compounds.
- ROHS and REACH certificate.

TYPICAL PHYSICAL PROPERTIES

Product	LR1340		
Appearance	Transparent		
Viscosity (Pa.s)	1000-2000		
		140°C x 10min	200°C x 2H
Density (g/cm ³)	1.08 ~ 1.12	1.10	1.10
Hardness (Shore A)	38 ~ 42	42	43
Light Transmittance (%)	Min. 78	83	83
Rebound (%)	Min. 50	61	62
Tensile Strength (MPa)	Min. 9.1	10.50	10.01
Elongation (%)	Min. 600	755	762
Tear Strength (kN/m)	Min. 30	34.6	41.2
Linear Shrinkage (%)	2.0 ~ 3.0	2.11	2.6

Product	LR1341		
Appearance	Transparent		
Viscosity (Pa.s)	1000-2000		
		140°C x 10min	200°C x 2H
Density (g/cm ³)	1.08 ~ 1.12	1.1	1.11
Hardness (Shore A)	38 ~ 42	51	51
Light Transmittance (%)	Min. 78	78	78
Rebound (%)	Min. 50	58	58
Tensile Strength (MPa)	Min. 9.1	10.54	10.04
Elongation (%)	Min. 600	646	587
Tear Strength (kN/m)	Min. 30	39.7	40.2
Linear Shrinkage (%)	2.0 ~ 3.0	2.19	2.5

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Curing condition: 10 minutes at 140°C and post cure 4 hours at 200°C.

APPLICATIONS

Baby pacifiers, bottles, baby tableware, breast pump seal ring and baby toys, etc.

PACKING AND STORAGE

SiSiB[®] LR1340 is supplied in 20Kg box, with plastic bag inside.

In the unopened original container it has a shelf life of one year in a dry and cool place.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: support@SiSiB.com.