

SiSiB[®] LR15xx

LSR for baby care (low volatile)

KEY FEATURES

- Low volatile.
- Excellent transparency.
- High tensile and tear strength.
- 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 compliance.

TYPICAL PHYSICAL PROPERTIES

Product	LR1530	LR1540	LR1550	LR1560
Appearance	Transparent	Transparent	Transparent	Transparent
Viscosity (Pa.s)	750-1000	750-1500	700-900	700-1000
Density (g/cm ³)	1.09	1.10	1.10	1.12
Light Transmittance (%)	Min. 80	Min. 80	Min. 80	Min. 80
Rebound (%)	Min. 45	Min. 55	Min. 58	Min. 65
Hardness (Shore A)	30+/-2	40+/-2	50+/-2	60+/-2
Tensile Strength (MPa)	Min. 8.5	Min. 8.5	Min. 8.5	Min. 8.5
Tear Strength (kN/m)	Min. 15	Min. 27	Min. 30	Min. 30
Elongation (%)	Min. 880	Min. 650	Min. 500	Min. 450
Compression Set (%)	Max. 25	Max. 25	Max. 25	Max. 25

Curing condition:

Volatile < 0.75% after first cure 10 minutes at 140°C, post cure 1 hour at 200°C.

APPLICATIONS

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

PACKING AND STORAGE

SiSiB[®] LR15xx is supplied in 20Kg box, with plastic bag inside.

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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.