

SiSiB[®] LR12xx

LSR for baby care

KEY FEATURES

- ☐ 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	LR1220	LR1230	LR1240
Appearance	Transparent	Transparent	Transparent
Viscosity (Pa.s)	600-800	750-1000	750-1500
Density (g/cm ³)	1.08	1.09	1.10
Light Transmittance (%)	Min. 80	Min. 80	Min. 80
Rebound (%)	Min. 45	Min. 45	Min. 55
Hardness (Shore A)	20+/-2	30+/-2	40+/-2
Tensile Strength (MPa)	Min. 6.5	Min. 8.5	Min. 8.5
Tear Strength (kN/m)	Min. 8.0	Min. 15	Min. 27
Elongation (%)	Min. 950	Min. 880	Min. 600
Compression Set (%)	Max. 25	Max. 25	Max. 25

Product	LR1250	LR1260	LR1270
Appearance	Transparent	Transparent	Transparent
Viscosity (Pa.s)	700-900	700-1000	800-900
Density	1.10	1.12	1.13
Light Transmittance (%)	Min. 80	Min. 80	Min. 80
Rebound (%)	Min. 58	Min. 65	Min. 60
Hardness (Shore A)	50+/-2	60+/-2	68+/-2
Tensile Strength (MPa)	Min. 8.5	Min. 8.5	Min. 8.5
Tear Strength (kN/m)	Min. 30	Min. 30	Min. 32
Elongation (%)	Min. 500	Min. 450	Min. 440
Compression Set (%)	Max. 25	Max. 25	Max. 25

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

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APPLICATIONS

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

PACKING AND STORAGE

It 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.