

SiSiB[®] LR11XX

LSR for kitchen ware

KEY FEATURES

- Good rebound.
- High tensile and tear strength.
- 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	LR1140	LR1150	LR1160	LR1170
Appearance	Transparent	Transparent	Transparent	Transparent
Viscosity (Pa.s)	600-650	600-650	850-950	850-1000
Density (g/cm ³)	1.08	1.10	1.13	1.16
Hardness (Shore A)	40+/-2	50+/-2	60+/-2	70+/-2
Tensile Strength (MPa)	Min. 9.5	Min. 8.5	Min. 7.5	Min. 7.0
Tear Strength (kN/m)	Min. 32	Min. 30	Min. 30	Min. 25
Elongation (%)	Min. 800	Min. 600	Min. 400	Min. 350
Rebound (%)	Min. 60	Min. 60	Min. 65	Min. 65

Curing condition:

Cure 10 minutes at 140°C, post cure 2 hours at 200°C.

APPLICATIONS

- Various food mold for making cake, chocolate and sugar, etc.,
- Precision casting mold.

PACKING AND STORAGE

SiSiB[®] LR1140 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

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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.