

SiSiB[®] LR85xx

LSR for Sports Ware

DESCRIPTION

It is a two parts and platinum curable liquid silicone rubber for injection molding process with high tensile and tear strength.

KEY FEATURES

- Good rebound
- Fine thermal and weather ability (Temp. from -50 °C - 230 °C)
- Yellowing resistance
- USA FDA CFR 21. Part. 177. 2600
- ROHS and REACH certificate

TYPICAL PHYSICAL PROPERTIES

Product	LR8540	LR8550	LR8560	LR8570
Appearance	Transparent	Transparent	Transparent	Transparent
Gravity	1.08	1.10	1.12	1.14
Hardness (Shore A)	38-42	48-52	58-62	68-72
Viscosity (Pa.s)	700-900	700-900	750-900	900-1000
Tensile Strength (MPa)	Min. 8.5	Min. 9.0	Min. 8.0	Min. 9.0
Elongation at Break (%)	Min. 600	Min. 600	Min. 400	Min. 320
Tear Strength (KN/m)	Min. 27	Min. 31	Min. 30	Min. 30

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

APPLICATIONS

Diving mask, headband, chewing tip, etc.

PACKING AND STORAGE

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