

SiSiB[®] LR71xx

LSR for Pinter Roller, Insulating OA Roller

DESCRIPTION

It is a two parts and platinum curable liquid silicone rubber for injection molding process.

KEY FEATURES

- ☐ High rebound
- ☐ Low volatility
- ☐ High temperature resistance.

TYPICAL PHYSICAL PROPERTIES

Product	LR7115	LR7120	LR7130
Appearance	Iron red	Iron red	Iron red
Specific Gravity	1.20-1.24	1.20-1.24	1.20-1.24
Hardness (Shore A) (°A/Asker C)	3/15	5/20	10/30
Viscosity (Pa.s)	50-100	50-100	50-100
Tensile Strength (MPa)	Min. 0.8	Min. 1.0	Min. 1.2
Elongation at Break (%)	Min. 400	Min. 400	Min. 400
Tear Strength (KN/m)	Min. 2	Min. 2	Min. 2
Linear Shrinkage (%)	Max. 2.5	Max. 2.5	Max. 2.5
Tensile Set (%)	Max. 2	Max. 2	Max. 2
Rebound (%)	Min. 15	Min. 20	Min. 35
Compression Set (%) (200°Cx4h 180°Cx22h, compress25%)	Max. 10	Max. 10	Max. 10
Curing Time (150°C)	Tc10≥8s,	Tc90≤45s	

Product	LR7140	LR7150
Appearance	Iron red	Iron red
Specific Gravity	1.20-1.24	1.20-1.24
Hardness (Shore A) (°A/Asker C)	20/40	30/50
Viscosity (Pa.s)	100-150	100-150
Tensile Strength (MPa)	Min. 1.2	Min. 1.2
Elongation at Break (%)	Min. 400	Min. 350
Tear Strength (KN/m)	Min. 2	Min. 2
Linear Shrinkage (%)	Max. 2.5	Max. 2.5
Tensile Set (%)	Max. 2	Max. 2
Rebound (%)	Min. 50	Min. 60

SINOPCC GROUP

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Compression Set (%) (200°Cx4h 180°Cx22h, compress25%)	Max. 10	Max. 10
Curing Time (150°C)	Tc10 \geq 8s,	Tc90 \leq 45s

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

APPLICATIONS

The product is mainly used in printer and duplicating machine roller surface material.

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

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.

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