

SiSiB[®] LR72xx

LSR for Printer Roller, Conductive 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 | LR7215 | LR7220 | LR7230 |
|--|-------------|-------------|-------------|
| Appearance | Black | Black | Black |
| Specific Gravity | 0.999-1.001 | 0.999-1.001 | 0.999-1.001 |
| 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. 0.6 | Min. 0.6 | Min. 0.8 |
| Elongation at Break (%) | Min. 400 | Min. 400 | Min. 350 |
| 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. 20 | Min. 25 | Min. 40 |
| Compression Set (%) (200°Cx4h 180°Cx22h, compress25%) | Max. 8 | Max. 8 | Max. 8 |
| Curing Time (150°C) | Tc10 ≥ 8s, | Tc90 ≤ 50s | |

| Product | LR7240 | LR7250 |
|---------------------------------|-------------|-------------|
| Appearance | Black | Black |
| Specific Gravity | 0.999-1.001 | 0.999-1.001 |
| Hardness (Shore A) (°A/Asker C) | 20/40 | 30/50 |
| Viscosity (Pa.s) | 50-100 | 50-100 |
| Tensile Strength (MPa) | Min. 1.0 | Min. 1.0 |
| Elongation at Break (%) | Min. 350 | 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 |

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| | | |
|--|-----------------|-----------------|
| Compression Set (%) (200°Cx4h 180°Cx22h, compress25%) | Max. 8 | Max. 8 |
| Curing Time (150°C) | Tc10 \geq 8s, | Tc90 \leq 50s |

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

APPLICATIONS

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.

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.