

SQUARE® LSR6900-15A/B

Silicone Rubber, LSR
Shenzhen SQUARE Silicone Co., Ltd.

Message:

Insulation liquid silicone rubber for OA roller

Product Description

The product is one kind of 2-part silicone rubber, catalyzed by platinum, mainly used in printer and duplicating machine roller surface material,suitable for injection moulding processes.

Key Features

High rebound, low volatility, high temperature resistance

Application

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

| General Information | | | |
|-------------------------------|--------------------------------|-------------------|-------------|
| Features | Heat resistance, high | | |
| Uses | Roller | | |
| | Printing machine parts | | |
| Appearance | Red | | |
| Processing Method | Liquid Injection Molding (LIM) | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.20 - 1.24 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow | < 2.5 | % | JIS K6301 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 3 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Set ¹ | < 2 | % | ASTM D412 |
| Tensile Strength | > 0.800 | MPa | ASTM D412 |
| Tensile Elongation (Break) | > 400 | % | ASTM D412 |
| Tear Strength ² | > 2.00 | kN/m | ASTM D624 |
| Compression Set (200°C, 4 hr) | < 10 | % | DIN 53517 |
| Thermoset | Nominal Value | Unit | Test Method |
| Shelf Life | 52 | wk | |
| Uncured Properties | Nominal Value | Unit | Test Method |
| Viscosity | 50 - 100 | Pa · s | DIN 53019 |
| Cured Properties | Nominal Value | Unit | Test Method |
| Rebound Resilience | > 15 | % | |
| NOTE | | | |
| 1. | C mould | | |
| 2. | B mould | | |

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