

# SQUARE® LIM6968-20A/B

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

Message:

Conductive 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

At the temperature of 20°C and in the condition of air-proof, the shelf life is 5 days after mixing A and B, the shelf life will decrease with the increasing of the temperature.

Application

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

| General Information           |                                |                   |             |
|-------------------------------|--------------------------------|-------------------|-------------|
| Features                      | Conductivity                   |                   |             |
|                               | Heat resistance, high          |                   |             |
| Uses                          | Roller                         |                   |             |
|                               | Printing machine parts         |                   |             |
| Appearance                    | Black                          |                   |             |
| Processing Method             | Liquid Injection Molding (LIM) |                   |             |
| Physical                      | Nominal Value                  | Unit              | Test Method |
| Specific Gravity              | 0.997 - 0.998                  | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow      | < 2.5                          | %                 | JIS K6301   |
| Hardness                      | Nominal Value                  | Unit              | Test Method |
| Durometer Hardness (Shore A)  | 5                              |                   | ASTM D2240  |
| Elastomers                    | Nominal Value                  | Unit              | Test Method |
| Tensile Set <sup>1</sup>      | < 2                            | %                 | ASTM D412   |
| Tensile Strength              | > 0.600                        | MPa               | ASTM D412   |
| Tensile Elongation (Break)    | > 400                          | %                 | ASTM D412   |
| Tear Strength <sup>2</sup>    | > 2.00                         | kN/m              | ASTM D624   |
| Compression Set (200°C, 4 hr) | < 8.0                          | %                 | DIN 53517   |
| Thermoset                     | Nominal Value                  | Unit              | Test Method |
| Pot Life (20°C)               | 7200                           | min               |             |
| 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            | > 25                           | %                 |             |
| NOTE                          |                                |                   |             |

- |    |         |
|----|---------|
| 1. | C mould |
| 2. | B mould |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

