

SQUARE® LIM1962-50A/B

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

Message:

UL-94-V0 grade liquid silicone rubber material for flame-retardant

Product Description

2-part liquid silicone rubber up to UL-94-V0 grade, catalyzed by platinum.

Key Features

Excellent thermal and cold stability up to the flame-retardant standard of UL-94-V0, outstanding resistance to ageing.

The safe operating period is 5 days under airproof condition and 20 after mixing component A and B, the safe operating period will decrease with the increasing of the temperature.

Applications

High voltage cap of TV set, ignition cord and high voltage cap of auto.

| General Information | | | |
|------------------------------|------------------------------------|-------------------|-------------|
| Features | Thermal stability, good | | |
| | Flame retardancy | | |
| Uses | Electrical/Electronic Applications | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.26 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow | 2.0 | % | JIS K6301 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 50 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Set ¹ | 5 | % | ASTM D412 |
| Tensile Strength | 7.50 | MPa | ASTM D412 |
| Tensile Elongation (Break) | 450 | % | ASTM D412 |
| Tear Strength ² | 20.0 | kN/m | ASTM D624 |
| Flammability | Nominal Value | Test Method | |
| Flame Rating | V-0 | UL 94 | |
| Thermoset | Nominal Value | Unit | |
| Pot Life (20°C) | 7200 | min | |
| Shelf Life | 52 | wk | |
| Uncured Properties | Nominal Value | Unit | |
| Color | | | |
| -- ³ | Black | | |
| -- ⁴ | Clear/Transparent | | |
| NOTE | | | |
| 1. | C mould | | |
| 2. | B mould | | |
| 3. | Part B | | |
| 4. | Part A | | |

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