

SQUARE® SCR2524-70A/B

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

Message:

High transparent injection molding liquid Silicone rubber for LED Lens

Product Description

The product is high transparent 2-part liquid silicone gel,catalyzed by platinum.

Key features

High transparent

High light transmittance

High heat resistant and hight yellowing resistant

Can work under high temperature without yellowing for long time

Suitable for injection molding

Applications

Suitable for LED Lens

General Information			
Features	High Light Transmission		
	Heat resistance, high		
	Definition, high		
Uses	LEDs		
	Lens		
Appearance	Clear/transparent		
Processing Method	Liquid Injection Molding (LIM)		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	7.00	MPa	ASTM D412
Tensile Elongation (Break)	100	%	ASTM D412
Optical	Nominal Value	Unit	Test Method
Refractive Index	1.410		GB/T 614
Transmittance (2000 μm, 550 nm)	> 94.0	%	GB/T 2410
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Component a	Mixing ratio by weight: 1.0		
Component B	Mixing ratio by weight: 1.0		
Shelf Life	52	wk	
Uncured Properties	Nominal Value	Unit	Test Method
Viscosity			DIN 53019
25°C ¹	3.0	Pa·s	DIN 53019
25°C ²	6.0	Pa·s	DIN 53019

NOTE

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| 1. | Part B |
| 2. | Part A |

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