

# SQUARE® LIM6968-40A/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)	20		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set <sup>1</sup>	< 2	%	ASTM D412
Tensile Strength	> 1.00	MPa	ASTM D412
Tensile Elongation (Break)	> 350	%	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	100 - 150	Pa · s	DIN 53019
Cured Properties	Nominal Value	Unit	Test Method
Rebound Resilience	> 50	%	
NOTE			

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

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