

SQUARE® LSR1966-39AE/BE

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

Message:

Liquid silicone rubber material for addition type molding

Product Description

LSR1966-34A/B, LSR1966-39AE/BE is 2-part addition type liquid silicone rubber catalyzed by platinum, mixing ratio of parts of A:B=10:1, suitable for pour molding processes, it is medium viscosity.

Key Features

Good elasticity, easy to demould.

Good thermal stability and freeze resistance (The using temperature is -60°C to 250°C)

Stable shrinkage rate.

Catalyzed by platinum, nonpoisonous and no peculiar smell.

Good physical property, high rollover fluency.

Applications

Used for thermosetting resins, like the moulding of poxy resin, the moulding products used for art work and ornament.

General Information			
Features	High elasticity		
	The smell is low to none		
	Thermal stability, good		
	Good demoulding performance		
	Medium viscosity		
Appearance	Clear/transparent		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow	2.2	%	JIS K6301
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	40		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set ¹	1	%	ASTM D412
Tensile Strength	6.27	MPa	ASTM D412
Tensile Elongation (Break)	390	%	ASTM D412
Tear Strength ²	13.8	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Component a	Mixing ratio by weight: 10		
Component B	Mixing ratio by weight: 1.0		
Shelf Life	52	wk	
Uncured Properties	Nominal Value	Unit	Test Method
Viscosity			DIN 53019
-- ³	1.2	Pa·s	DIN 53019
-- ⁴	60	Pa·s	DIN 53019
Cured Properties	Nominal Value	Unit	Test Method

Rebound Resilience	79	%
NOTE		
1.	C mould	
2.	B mould	
3.	Part B	
4.	Part A	

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Recommended distributors for this material


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