

SQUARE® LIM1939-56AE/BE

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

Message:

Liquid silicone rubber materials for O-ring gasket

Product Description

LIM1939-XXA/B and LIM1919-XXA/B are 2-part liquid silicone rubber catalyzed by platinum with long usable life and excellent performance, suitable for injection molding processes.

Key Features

Outstanding oil or water - proof performance.

Outstanding weather resistance.

High tear strength.

Outstanding resistance to aging.

Low yellowing.

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

Applications

O-ring gasket for industrial sealed parts

General Information			
Features	Moisture resistance		
	Good tear strength		
	Good weather resistance		
	Oil resistance		
Uses	Washer		
	Industrial application		
Appearance	Red		
Processing Method	Liquid Injection Molding (LIM)		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow	2.2	%	JIS K6301
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	49		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set ¹	4	%	ASTM D412
Tensile Strength	9.91	MPa	ASTM D412
Tensile Elongation (Break)	670	%	ASTM D412
Tear Strength ²	30.9	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Component a	Mixing ratio by weight: 1.0		
Component B	Mixing ratio by weight: 1.0		
Pot Life (20°C)	7200	min	

Shelf Life	52	wk	
Uncured Properties	Nominal Value	Unit	Test Method
Viscosity			DIN 53019
-- ³	1000	Pa·s	DIN 53019
-- ⁴	1200	Pa·s	DIN 53019
Cured Properties	Nominal Value	Unit	Test Method
Rebound Resilience	62	%	
NOTE			
1.	C mould		
2.	B mould		
3.	Part B		
4.	Part A		

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

