

SQUARE® LIM3919-50A/B

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

Message:

Liquid silicone rubber material for kitchenwares

Product Description

SQUARE® LIM3919-XXA/B is high strength 2-part liquid silicone rubber suitable for injection molding processes, catalyzed by platinum.

Key Features

Good rebound property

Excellent thermal and cold stability(-60°C to 250°C)

Low yellowing

Outstanding resistance to ageing

Meeting US FDA CFR21. Part .177.2600,EN14350.2

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.

Applications

SQUARE® LIM3919-XXA/B is suitable for making kitchenwares.

General Information			
Features	High strength		
	Thermal stability, good		
Uses	Kitchen utensils		
Agency Ratings	FDA 21 CFR 177.2600		
Appearance	Translucent		
Processing Method	Liquid Injection Molding (LIM)		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	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 Strength	6.00	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Tear Strength ¹	20.0	kN/m	ASTM D624
Compression Set (175°C, 22 hr)	11	%	DIN 53517
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	300	Pa · s	DIN 53019

NOTE

1. B mould

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Recommended distributors for this material

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