

SQUARE® LIM3906-70A/B

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

Message:

Liquid silicone rubber material for cake mould

Product Description

SQUARE®LIM3906-XXA/B is one kind of 2-part liquid silicone rubber suitable for injection molding processes. with excellent fluidity and storage under low temperature property,catalyzed by platinum.

Key features

Good rebound property

High tensile and tear strength

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

Low yellowing

Outstanding resistance to ageing

Meet US FDA CFR21.Part.177.2600 and 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®LIM3906-XXA/B is suitable for making cake mould

General Information			
Features	High tensile strength		
	Good tear strength		
	High liquidity		
	Thermal stability, good		
Agency Ratings	FDA 21 CFR 177.2600		
Appearance	Translucent		
Processing Method	Liquid Injection Molding (LIM)		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm³	ASTM D792
Molding Shrinkage - Flow	2.2	%	JIS K6301
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set ¹	1	%	ASTM D412
Tensile Strength	7.50	MPa	ASTM D412
Tensile Elongation (Break)	320	%	ASTM D412
Tear Strength ²	25.0	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	
Pot Life (20°C)	7200	min	
Shelf Life	52	wk	
NOTE			
1.	C mould		

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Recommended distributors for this material

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