

SQUARE® LIM1030-30A/B

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

Message:

Silicone rubber for nose bracket

Product Description

The product is high transparent, 2-part liquid silicone rubber, catalyzed by platinum, with good liquidity, mixing ratio of parts A:B=1:1.

Key Features

Low viscosity, high transparent, middle strength, high light transmittance and Soft

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

Suitable for making nose bracket

General Information			
Features	High Light Transmission		
	Low viscosity		
	Good strength		
	Definition, high		
	Soft		
Appearance	Clear/transparent		
Processing Method	Liquid Injection Molding (LIM)		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	28 - 32		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set ¹	< 3	%	ASTM D412
Tensile Strength	> 2.50	MPa	ASTM D412
Tensile Elongation (Break)	> 150	%	ASTM D412
Tear Strength ²	> 7.00	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	47	Pa·s	DIN 53019
-- ⁴	55	Pa·s	DIN 53019
Cured Properties	Nominal Value	Unit	Test Method
Rebound Resilience	> 65	%	
NOTE			

1.	C mould
2.	B mould
3.	Part B
4.	Part A

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