

SQUARE® LIM3600-50A/B

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

Message:

Silicone rubber for goggles

Product Description

SQUARE LIM3600-XXA/B is high transparence and mechnical strength, 2-part liquid silicone rubber, suitable for injection moulding processes, catalyzed by platinum.

Key Features

High transparence

High tensile and tear strength

Good rebound property

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

Low yellowing

Outstanding resistance to ageing

Meet 4.9 of volatile compound testing standard and europe RoHS standard.

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

Goggles and other products contacted with food

General Information			
Features	High tensile strength		
	High strength		
	Good tear strength		
	Definition, high		
	Thermal stability, good		
	Compliance of Food Exposure		
Uses	Non-specific food applications		
RoHS Compliance	RoHS compliance		
Appearance	Clear/transparent		
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	8.00	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Tear Strength ¹	32.0	kN/m	ASTM D624
Compression Set (175°C, 22 hr)	25	%	DIN 53517
Thermoset	Nominal Value	Unit	Test Method
Pot Life (20°C)	7200	min	

Shelf Life	52	wk	
Uncured Properties	Nominal Value	Unit	Test Method
Viscosity	900	Pa·s	DIN 53019
NOTE			
1.	B mould		

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