

SQUARE® LSG1010-05A/B

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

Message:

Silicone rubber for shock absorption purpose

Product Description:

SQUARE® LSG1010-10A/B, LSG1010-05A/B is suitable for pour molding processes and used for vibration-reducing purpose, because of their low stickiness and low Shore's hardness.

Key Features

Excellent thermal and cold stability (-50°C to 200°C)

High transparent

Catalyzed by platinum, non-toxic and no peculiar smell

Have good Electrical properties and Weathering resistance

Have good fluidity and can immit into small gap

The hardness and shock absorption property can be adjusted

Easy to be cured

Have electric capability when the electric filling is added

Applications

SQUARE® LSG1010-10A/B, LSG1010-05A/B is suitable for making insoles and heel cups.

General Information			
Features	Shock absorption		
	Shock absorption		
	Good electrical performance		
	Good liquidity		
	Good weather resistance		
	The smell is low to none		
	Definition, high		
	Thermal stability, good		
	Non-toxic		
	Hardness, low		
Uses	Footwear		
Appearance	Clear/transparent		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	4 - 5		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	> 1.50	MPa	ASTM D412
Tensile Elongation (Break)	> 580	%	ASTM D412
Tear Strength ¹	> 3.00	kN/m	ASTM D624
Compression Set (175°C, 22 hr)	25	%	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		

Shelf Life	52	wk	
Uncured Properties	Nominal Value	Unit	Test Method
Viscosity	7.0 - 8.5	Pa·s	DIN 53019
Curing Time (130°C)	0.17 - 0.25	hr	
NOTE			
1.	B mould		

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