

SQUARE® LSR6915-80A/B

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

Message:

Silicone rubber for cellphone keypad products cured fast under high temperature

Product Description

The product is one kind of transparent, 2-part liquid silicone rubber, catalyzed by platinum, suitable for high temperature injection molding processes.

Key Features

Fast curing under high temperature

High tensile strength

Good rebound property

Excellent thermal and cold stability

Low yellowing

Low shrinkage

Outstanding resistance to ageing

Application

It is suitable for making P+R cellphone keypad etc.

General Information			
Features	High tensile strength		
	Heat vulcanization		
	Fast curing		
	Thermal stability, good		
	Low shrinkage		
Uses	Mobile phone		
Appearance	Clear/transparent		
Processing Method	Liquid Injection Molding (LIM)		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	75		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	6.45	MPa	ASTM D412
Tensile Elongation (Break)	250	%	ASTM D412
Tear Strength ¹	16.6	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		
Shelf Life	52	wk	
Uncured Properties	Nominal Value	Unit	Test Method
Viscosity	700	Pa·s	DIN 53019
Curing Time (150°C)	0.12	hr	
NOTE			
1.	B mould		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

