

SQUARE® SSR1533-50

Silicone

Shenzhen SQUARE Silicone Co., Ltd.

Message:

Product Description

The product is conductive solid silicone rubber, catalyzed by peroxide, mixing ratio of parts A:B=100:1.5.

Key Features

Resistivity: <100ohm.cm

High elongation suitable for making sheet without crack

Low shrinkage, good rebound

Stable resistivity

General Information			
Features	Conductivity		
	Low shrinkage		
	Extended tensile rate		
Uses	Sheet		
Appearance	Black		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	55		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set ¹	6	%	ASTM D412
Tensile Strength	8.00	MPa	ASTM D412
Tensile Elongation (Break)	650	%	ASTM D412
Tear Strength ²	35.0	kN/m	ASTM D624
Electrical	Nominal Value	Unit	
Volume Resistivity	50	ohms·cm	
Thermoset	Nominal Value	Unit	
Thermoset Components			
Component a	Mixing ratio by weight: 100		
Component B	Mixing ratio by weight: 1.5		
Shelf Life	100	wk	
Uncured Properties	Nominal Value	Unit	
Curing Time (170°C)	0.17	hr	
NOTE			
1.	C mould		
2.	B mould		

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