

# SQUARE® SSR1551-70

Silicone

Shenzhen SQUARE Silicone Co., Ltd.

Message:

Solid silicone rubber material for composite insulator

Product Description

This solid silicone rubber is catalyzed by peroxide, which is particularly suitable for producing composite insulator.

Key Features

Long pot life

High dielectric strength

Excellent tracking resistance

Excellent surface hydrophobic property

Applications

Composite insulator

General Information			
Features	Hydrophobic		
	Track Resistance		
Uses	Insulating material		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow	2.2	%	JIS K6301
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set <sup>1</sup>	4	%	ASTM D412
Tensile Strength	5.41	MPa	ASTM D412
Tensile Elongation (Break)	330	%	ASTM D412
Tear Strength <sup>2</sup>	15.0	kN/m	ASTM D624
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	4.0E+14	ohms·cm	IEC 60093
Dielectric Strength	26	kV/mm	IEC 60243-1
Thermoset	Nominal Value	Unit	Test Method
Shelf Life	100	wk	
Cured Properties	Nominal Value	Unit	Test Method
Tracking Resistance	1A4.5		IEC 60587
NOTE			
1.	C mould		
2.	B mould		

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