

Silopren® Electro 170

Silicone

Momentive Performance Materials Inc.

Message:

Silopren Electro 170 grey is a 70 Shore A silicone rubber moulding compound for high voltage insulator applications which require excellent performance in contaminated environments. Typical applications include suspension insulators, line posts, surge arresters and terminators.

Key Features and Benefits

Outstanding ageing behaviour and weather resistance

Fast hydrophobicity transfer and hydrophobicity recovery

Excellent dielectric behaviour over a wide range of temperatures

Very good tracking resistance

General Information			
Features	Good Weather Resistance		
	Tracking Resistant		
Uses	High Voltage Insulation		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Density	1.57	g/cm ³	DIN 53479
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	72		DIN 53505
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	5.50	MPa	DIN 53504
Tensile Elongation (Break)	250	%	DIN 53504
Tear Strength ¹	16.0	kN/m	ASTM D624
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	DIN 53482
Dielectric Constant (50 Hz)	3.60		DIN 53483
Dissipation Factor (50 Hz)	0.020		DIN 53483
Additional Information	Nominal Value	Unit	
Vulcanization (175°C)	10.0	min	
NOTE			
1.	Die B		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

