

Silopren® Electro 1700

Rubber

Momentive Performance Materials Inc.

Message:

The Silopren Electro 1700 and 1800 are one-component heat curable rubber materials for making elastomers (HCE) with a hardness of 70 and 77 Shore A. These silicone rubbers are based on a platinum cure system, especially developed for the manufacture of housing and weather sheds for all kinds of insulators.

- Key Features and Benefits
- One-component, ready to use
 - Fast vulcanisation/addition curing system
 - 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-
 - Shelf life of 3 months from date of manufacturing

General Information			
Features	Fast Cure		
	Good Weather Resistance		
	Heat Cure		
	Tracking Resistant		
Uses	Insulation		
Appearance	Grey		
Hardness	Nominal Value	Test Method	
Durometer Hardness (Shore A)	70	DIN 53505	
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	5.00	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
Thermoset	Nominal Value	Unit	Test Method
Shelf Life	13	wk	
Additional Information	Nominal Value	Unit	Test Method
Vulcanization	10.0	min	
Uncured Properties	Nominal Value	Unit	Test Method
Density	1.57	g/cm ³	DIN 53479
NOTE			

1. Die B

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