

Dow Corning SILASTIC® HV 1666/65 GRAY SILICONE RUBBER

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber

Material Notes:

65 Durometer, gray, peroxide cure, high voltage grade Silicone Rubber Compound for manufacturing High Voltage insulators weather shed insulators or surge arrestors. Superior wet electrical properties. It demonstrates excellent tracking resistance and sustained hydrophobicity in application. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-SILASTIC-HV-166665-GRAY-SILICONE-RUBBER.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.54 g/cc	1.54 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	
Tensile Strength, Ultimate	3.79 MPa	550 psi	
Elongation at Break	250 %	250 %	
Tear Strength	1.40 kN/m	8.00 pli	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+14 ohm-cm	2.00e+14 ohm-cm	
Dielectric Constant	3.67	3.67	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Breakdown	4500 V	4500 V	Tracking Resistance
Dissipation Factor	0.027	0.027	
	@Frequency 100 Hz	@Frequency 100 Hz	

Descriptive Properties	Value	Comments
Hydrophobic	yes	
Water Resistant	yes	

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