

Dow Corning HV 1660/65 LIGHT GRAY SILICONE RUBBER KP

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

Material Notes:

65 Shore hardness high consistency silicone rubber with excellent tracking and erosion resistance, excellent wet electrical properties, high voltage insulation applications. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-HV-166065-LIGHT-GRAY-SILICONE-RUBBER-KP.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.56 g/cc	1.56 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	
Tensile Strength, Ultimate	4.21 MPa	610 psi	
Elongation at Break	280 %	280 %	
Tear Strength	13.1 kN/m	75.0 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 Strength	17.4 kV/mm	441 kV/in	
Dissipation Factor	0.017	0.017	
	@Frequency 100 Hz	@Frequency 100 Hz	

Processing Properties	Metric	English	Comments
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Color	grey	
Hydrophobic	yes	
Water Resistant	yes	

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