

Dow Corning HV 1760/80 SILICONE RUBBER NATURAL

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

Material Notes:

80 Shore hardness high consistency silicone rubber with fast cure system and excellent tracking and erosion resistanceInformation provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-HV-176080-SILICONE-RUBBER-NATURAL.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.53 g/cc	1.53 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79	79	
Tensile Strength, Ultimate	4.83 MPa	700 psi	
Elongation at Break	150 %	150 %	
Tear Strength	16.0 kN/m	91.0 pli	

Electrical Properties	Metric	English	Comments
Volume Resistivity	5.40e+14 ohm-cm	5.40e+14 ohm-cm	
Dielectric Constant	3.61	3.61	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	17.0 kV/mm	433 kV/in	

Processing Properties	Metric	English	Comments
Shelf Life	3.00 Month	3.00 Month	

Descriptive Properties	Value	Comments
Color	grey	
Hydrophobic	yes	

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