

Dow Corning HV 1650/50 SILICONE RUBBER

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

Material Notes:

50 Shore A hardness high consistency silicone rubber with excellent tracking and erosion resistance and low modulus
Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-HV-165050-SILICONE-RUBBER.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	
Tensile Strength, Ultimate	5.00 MPa	725 psi	
Elongation at Break	450 %	450 %	
Tear Strength	17.0 kN/m	97.0 pli	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.60e+14 ohm-cm	1.60e+14 ohm-cm	
Dielectric Constant	3.51	3.51	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	16.4 kV/mm	416 kV/in	
Dissipation Factor	0.034	0.034	
	@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	

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