

Dow Corning SE 4402 KIT

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

Material Notes:

One-part, grey, heat cure, good flowability, thermally conductive, controlled volatility. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-SE-4402-KIT.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.16 g/cc	2.16 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	34000 cP	34000 cP	dynamic

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74	74	
Tensile Strength, Ultimate	6.10 MPa	885 psi	
Elongation at Break	120 %	120 %	
Shear Strength	3.34 MPa	485 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.920 W/m-K	6.38 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	200 °C	392 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.00e+15 ohm-cm	3.00e+15 ohm-cm	
Dielectric Constant	4.8	4.8	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dielectric Strength	>= 26.0 kV/mm	>= 660 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 150 °C	@Temperature 302 °F	

Shelf Life Processing Properties	6.00 Month Metric	6.00 Month English	Comments
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Descriptive Properties	Value	Comments
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Color	grey	
Flowable	yes	
Hydrophobic	yes	
Self Leveling	yes	
Water Resistant	yes	

Contact Songhan Plastic Technology Co.,Ltd.

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