

Dow Corning SE 4490 CV

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

One-part, white, non-flowing, highly filled compound, excellent thermal conductivity. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-SE-4490-CV.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.62 g/cc	2.62 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	<= 500000 cP	<= 500000 cP	Dynamic

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.70 W/m-K	11.8 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	2.00e+14 ohm-cm	2.00e+14 ohm-cm	
Dielectric Strength	3.94 kV/mm	100 kV/in	

Processing Properties	Metric	English	Comments
Shelf Life	10.3 Month	10.3 Month	

Descriptive Properties	Value	Comments
Color	White	
Hydrophobic	Yes	
Nonflowable	Yes	
Water Resistant	Yes	

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