

Dow Corning SE 4446 CV KIT

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Two-part, grey, 1:1, addition cure gel, good thermal conductivity, controlled volatility. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-SE-4446-CV-KIT.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.14 g/cc	2.14 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	22000 cP	22000 cP	dynamic

Mechanical Properties	Metric	English	Comments
Penetration P(60), 1/10 mm	55	55	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.26 W/m-K	8.74 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.00e+16 ohm-cm	3.00e+16 ohm-cm	
Dielectric Strength	5.91 kV/mm	150 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 120 °C	@Temperature 248 °F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Color	grey	
Hydrophobic	yes	
Self Leveling	yes	

Water Resistant Descriptive Properties	Value	Comments
Working Time (min)	240	

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