

## Dow Corning SE 4448 CV KIT PARTS A&B

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

### Material Notes:

Excellent thermal conductivity, low volatility (D4-D10 0.03% wt), heat cure, high viscosity. Information provided by Dow Corning

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Corning-SE-4448-CV-KIT-PARTS-AB.php](http://www.lookpolymers.com/polymer_Dow-Corning-SE-4448-CV-KIT-PARTS-AB.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.86 g/cc	2.86 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	102000 cP	102000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	59	59	
Penetration P(60), 1/10 mm	36	36	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	2.20 W/m-K	15.3 BTU-in/hr-ft <sup>2</sup> -°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+15 ohm-cm	2.00e+15 ohm-cm	
Dielectric Strength	11.0 kV/mm	279 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 120 °C	@Temperature 248 °F	
Shelf Life	300 min	5.00 hour	
	@Temperature 22.0 °C	@Temperature 71.6 °F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
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Color Descriptive Properties	Color Value	Comments
Flowable	yes	
Hydrophobic	yes	
Self Leveling	yes	
Water Resistant	yes	
Working Time (min)	210	

## Contact Songhan Plastic Technology Co.,Ltd.

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