

## Dow Corning 4 ELECTRICAL INSULATING COMPOUND

Category : Polymer , Thermoset , Silicone

### Material Notes:

Silicone-based compound, moderate consistency. Lubricant suitable for electrical connectors and joints. Information provided by Dow Corning

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Corning-4-ELECTRICAL-INSULATING-COMPOUND.php](http://www.lookpolymers.com/polymer_Dow-Corning-4-ELECTRICAL-INSULATING-COMPOUND.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 g/cc	1.00 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Penetration P(60), 1/10 mm	240	240	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	
Minimum Service Temperature, Air	-57.0 °C	-70.6 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.10e+15 ohm-cm	1.10e+15 ohm-cm	
Dielectric Constant	2.98	2.98	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	3.01	3.01	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
Dissipation Factor	>= 17.7 kV/mm	>= 450 kV/in	
	0.00010	0.00010	
Arc Resistance	@Frequency 100 Hz	@Frequency 100 Hz	
	<= 0.00020	<= 0.00020	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	130 sec	130 sec	

Processing Properties	Metric	English	Comments
Shelf Life			

Processing Properties	60.0 Month Metric	60.0 Month English	Comments
<b>Descriptive Properties</b>		<b>Value</b>	<b>Comments</b>
Appearance		translucent	
Color		white	
NLGI Number		2	
Water Resistant		yes	

## Contact Songhan Plastic Technology Co.,Ltd.

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