

Dow Corning 3-4133 DIELECTRIC GEL KIT

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Two-part, clear, heat cure, and firm. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-3-4133-DIELECTRIC-GEL-KIT.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 - 0.970 g/cc	0.960 - 0.970 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Penetration P(60), 1/10 mm	7.0	7.0	

Thermal Properties	Metric	English	Comments
CTE, linear	355 µm/m-°C	197 µin/in-°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	4.70e+15 ohm-cm	4.70e+15 ohm-cm	
Dielectric Constant	2.86	2.86	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	2.87	2.87	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	19.1 kV/mm	485 kV/in	
Dissipation Factor	<= 0.00010	<= 0.00010	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	<= 0.0010	<= 0.0010	
	@Frequency 100 Hz	@Frequency 100 Hz	

Processing Properties	Metric	English	Comments
Cure Time	1.50 min	0.0250 hour	

Processing Properties	@Temperature 150 °C Metric	@Temperature 302 °F English	Comments
	2.50 min	0.0417 hour	
	@Temperature 125 °C	@Temperature 257 °F	
	3.50 min	0.0583 hour	
	@Temperature 100 °C	@Temperature 212 °F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	clear	
Flowable	yes	
Gel Hardness (Grams/Penetration)	440	
Hydrophobic	yes	
Self Leveling	yes	
Water Resistant	yes	
Working Time (min)	>360	

Contact Songhan Plastic Technology Co.,Ltd.

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