

## Dow Corning 3-4237 DIELECTRIC FIRM GEL KIT

Category : Polymer , Adhesive , Thermoset , Silicone

### Material Notes:

Two-part, translucent green, heat cure, firm, long working time, primerless chemical adhesion. Information provided by Dow Corning

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Corning-3-4237-DIELECTRIC-FIRM-GEL-KIT.php](http://www.lookpolymers.com/polymer_Dow-Corning-3-4237-DIELECTRIC-FIRM-GEL-KIT.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 - 1.00 g/cc	0.960 - 1.00 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
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	9.00e+14 ohm-cm	9.00e+14 ohm-cm	
Dielectric Constant	2.96	2.96	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	18.9 kV/mm	480 kV/in	
	<= 0.00010	<= 0.00010	
Dissipation Factor	@Frequency 100000 Hz	@Frequency 100000 Hz	
	<= 0.0010	<= 0.0010	
	@Frequency 100 Hz	@Frequency 100 Hz	

Processing Properties	Metric	English	Comments
Cure Time	7.50 min	0.125 hour	
	@Temperature 150 °C	@Temperature 302 °F	
	12.0 min	0.200 hour	
	@Temperature 125 °C	@Temperature 257 °F	
	35.0 min	0.583 hour	

Processing Properties	Metric @ Temperature 100 °C	English @ Temperature 212 °F	Comments
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	translucent	
Color	green	
Flowable	yes	
Gel Hardness (Grams/Penetration)	300	
Hydrophobic	yes	
Self Leveling	yes	
Water Resistant	yes	
Working Time (min)	12960	

## Contact Songhan Plastic Technology Co.,Ltd.

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