

Dow Corning 3-4170 DIELECTRIC GEL KIT

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Two-part, clear, heat cure, long working time. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-3-4170-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	
Viscosity	500 cP	500 cP	dynamic

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	
Flammability, UL94	V-1	V-1	

Electrical Properties	Metric	English	Comments
Volume Resistivity	9.50e+14 ohm-cm	9.50e+14 ohm-cm	
Dielectric Constant	2.85	2.85	
	@Frequency 100 Hz	@Frequency 100 Hz	
	2.85	2.85	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
Dielectric Strength	19.7 kV/mm	500 kV/in	
Dissipation Factor	0.00010	0.00010	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	0.0020	0.0020	
	@Frequency 100 Hz	@Frequency 100 Hz	

Processing Properties	Metric	English	Comments
Cure Time	9.00 min	0.150 hour	
	@Temperature 100 °C	@Temperature 212 °F	
Shelf Life	12.0 Month	12.0 Month	

Processing Properties	Metric	English	Value	Comments
Descriptive Properties				Comments
Appearance			clear	
Flowable			yes	
Gel Hardness (Grams/Penetration)			80	
Hydrophobic			yes	
Self Leveling			yes	
Water Resistant			yes	
Working Time (min)			>1440	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China