

Dow Corning 3-4241 DIELECTRIC TOUGH GEL KIT

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Two-part, translucent green, RT or heat cure, UV indicator, long working time, tough primerless chemical adhesion, UL 94 V-1 flammability classification. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-3-4241-DIELECTRIC-TOUGH-GEL-KIT.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 - 0.980 g/cc	0.970 - 0.980 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	<= 440 cP	<= 440 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	3.30e+14 ohm-cm	3.30e+14 ohm-cm	
Dielectric Constant	2.6	2.6	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	2.61	2.61	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
Dissipation Factor	17.3 kV/mm	440 kV/in	
	<= 0.00020	<= 0.00020	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	0.021	0.021	
	@Frequency 100 Hz	@Frequency 100 Hz	

Processing Properties	Metric	English	Comments
Cure Time	2.50 min	0.0417 hour	
	@Temperature 125 °C	@Temperature 257 °F	

Processing Properties	480 - 660 min Metric	8.00 - 11.0 hour English	Comments
	@Temperature 22.0 °C	@Temperature 71.6 °F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	translucent	
Color	green	
Flowable	yes	
Self Leveling	yes	
Water Resistant	yes	
Working Time (min)	>60	

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