

Dow Corning EG-3000 THIXOTROPIC GEL PARTS A&B

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Two-part, heat cure, thixotropic gel. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-EG-3000-THIXOTROPIC-GEL-PARTS-AB.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 - 1.01 g/cc	0.980 - 1.01 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	2200 cP	2200 cP	dynamic

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	50	50	
Penetration P(60), 1/10 mm	91	91	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	170 °C	338 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.70e+14 ohm-cm	2.70e+14 ohm-cm	
Dielectric Constant	2.7	2.7	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
Dielectric Strength	22.0 kV/mm	559 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 150 °C	@Temperature 302 °F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	clear	

Flowable Descriptive Properties	no Value	Comments
Hydrophobic	yes	
Self Leveling	yes	
Water Resistant	yes	
Working Time (min)	720	

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