

Dow Corning CY 52-276 KIT

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Two-part, clear, 1:1, addition cure, low temperature cure, low viscosity, controlled volatility. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-CY-52-276-KIT.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	100 cP	100 cP	dynamic

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	70	70	
Penetration P(60), 1/10 mm	75	75	

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	1.00e+15 ohm-cm	1.00e+15 ohm-cm	
Dielectric Constant	2.5	2.5	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dielectric Strength	14.0 kV/mm	356 kV/in	
Dissipation Factor	<= 0.00010	<= 0.00010	
	@Frequency 100 Hz	@Frequency 100 Hz	
	<= 0.00010	<= 0.00010	
	@Frequency 100000 Hz	@Frequency 100000 Hz	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 70.0 °C	@Temperature 158 °F	

Processing Properties	Metric _{onth}	English _{onth}	Comments
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Descriptive Properties	Value	Comments
Appearance	clear	
Flowable	yes	
Hydrophobic	yes	
Self Leveling	yes	
Water Resistant	yes	
Working Time (min)	120	

Contact Songhan Plastic Technology Co.,Ltd.

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