

Dow Corning 7 RELEASE COMPOUND

Category : Polymer , Thermoset , Silicone

Material Notes:

Silicone-based compound, light consistencyInformation provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-7-RELEASE-COMPOUND.php

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

Mechanical Properties	Metric	English	Comments
Penetration P(60), 1/10 mm	270	270	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.80e+15 ohm-cm	2.80e+15 ohm-cm	
Dielectric Constant	2.83	2.83	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	2.85	2.85	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	>= 17.7 kV/mm	>= 450 kV/in	
Dissipation Factor	<= 0.00010	<= 0.00010	
	@Frequency 100 Hz	@Frequency 100 Hz	
	<= 0.00010	<= 0.00010	
	@Frequency 100000 Hz	@Frequency 100000 Hz	
Arc Resistance	126 sec	126 sec	

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month	60.0 Month	

Descriptive Properties	Value	Comments
Appearance	translucent	
Color	white	
NLGI Number	1	
Water Resistant	yes	

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