

Dow Corning 3-4118 GEL A&B

Category : Polymer , Thermoset , Silicone

Material Notes:

Two-part, clear, RT or heat cure, high viscosity. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-3-4118-GEL-AB.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	105	105	

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	4.60e+15 ohm-cm	4.60e+15 ohm-cm	
Dielectric Strength	17.7 kV/mm	450 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 120 °C	@Temperature 248 °F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	clear	
Flowable	yes	
Gel Hardness (Grams/Penetration)	50	
Hydrophobic	yes	
Self Leveling	yes	

Water Resistant Descriptive Properties	Value	Comments
Working Time (min)	30	

Contact Songhan Plastic Technology Co.,Ltd.

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