

Abatron 8509-2A/8509-1B Carbon-Filled Electrically Conductive Epoxy Compound

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy , Electrically Conductive

Material Notes:

8509-2A/8509-1B is a solventless carbon-epoxy system used as an adhesive and silk-screening material with anti-static and other lower-conductivity requirements.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-8509-2A8509-1B-Carbon-Filled-Electrically-Conductive-Epoxy-Compound.php

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	50.0 °C	122 °F	

Component Elements Properties	Metric	English	Comments
Carbon, C	7.2 %	7.2 %	of vehicle

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 200000 ohm	<= 200000 ohm	

Processing Properties	Metric	English	Comments
Cure Time	30.0 - 180 min	0.500 - 3.00 hour	Optional
	@Temperature 50.0 - 100 °C	@Temperature 122 - 212 °F	
	>= 1440 min	>= 24.0 hour	
	@Temperature 22.0 - 30.0 °C	@Temperature 71.6 - 86.0 °F	
Pot Life	120 min	120 min	

Descriptive Properties	Value	Comments
Color	Black	
Parts by Weight (pbw)	100	8509-2A Resin
	50	8509-1B Hardener
Viscosity	High	

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