

Abatron AboCoat 8709-5 A/B Carbon-Filled Electrically Conductive Epoxy Compound

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

Material Notes:

AboCoat 8709-5 A/B is a high-solid carbon-epoxy coating with various conductivity ranges widely used in silk-screening.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboCoat-8709-5-AB-Carbon-Filled-Electrically-Conductive-Epoxy-Compound.php

Physical Properties	Metric	English	Comments
Solids Content	68 %	68 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	70.0 °C	158 °F	

Component Elements Properties	Metric	English	Comments
Carbon, C	25 %	25 %	of vehicle

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 10000 ohm	<= 10000 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	
Pot Life	>= 1440 min	>= 24.0 hour	
	@Temperature 22.0 - 30.0 °C	@Temperature 71.6 - 86.0 °F	
Pot Life	800 min	800 min	

Descriptive Properties	Value	Comments
Color	Black	
Parts by Weight (pbw)	100	Part A Resin
	40	Part B Hardener
Viscosity	High	

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