

Abatron AboWeld 8201-14/AboCure 50-12 Carbon-Filled Electrically Conductive Epoxy Compound

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

Material Notes:

AboWeld 8201-14/AboCure 50-12 is a very conductive carbon-epoxy paste. It is preferred where higher heat and chemical resistance more important. As the size of the conductive particles is relatively coarse, this product is used primarily as a thick adhesive and conductive paste rather than for thin and smooth coatings.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboWeld-8201-14AboCure-50-12-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	90.0 °C	194 °F	

Component Elements Properties	Metric	English	Comments
Carbon, C	64 %	64 %	of vehicle

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.50 ohm	<= 0.50 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	

Descriptive Properties	Value	Comments
Color	Black	
Parts by Weight (pbw)	100	AboWeld 8201-14
	4.6	AboCure 50-12

Descriptive Properties

Value

Comments

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