

Abatron AboCast 22-30/AboCure 50-12 Epoxy

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy, Cast, Unreinforced

Material Notes:

AboCast 22-30 is a black filled resin with high viscosity and a weight of 12.4 lbs/gallon. AboCure 50-12 is clear, fast converter with low viscosity and a weight of 8.2 lbs/gallon. AboCast 22-30/AboCure 50-12 is a fast, thick, hard, tough, filled, black, opaque, room-temperature-cure, lower-viscosity epoxy system. It offers high chemical and heat resistance, ceramic-like hardness, faster hardening and faster curing. AboCure 50-12, however, requires a precise ratio. The system is used for encapsulation, potting, and assembly of electronic and magnetic components, such as: capacitors, transformers, terminals, industrial magnets, small and large magnetic assemblies, metal detectors, metal separators, magnetic printing cylinders, magnetic holders, insulators, junction boxes, switches, and circuit boards. It is also used in general-purpose casting and bonding for structural and dielectric applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboCast-22-30AboCure-50-12-Epoxy.php

Physical Properties	Metric	English	Comments
Density	0.983 g/cc	0.0355 lb/in ³	AboCure 50-12
	1.49 g/cc	0.0537 lb/in ³	AboCast 22-30
Water Absorption	0.25 %	0.25 %	
	@Time 605000 sec	@Time 168 hour	
Viscosity	9500 cP	9500 cP	

Mechanical Properties	Metric	English	Comments
Compressive Strength	118 MPa	17100 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	115 °C	239 °F	Deflection Temp at unknown load

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+16 ohm-cm	1.00e+16 ohm-cm	"A"

Processing Properties	Metric	English	Comments
Pot Life	20 - 30 min	20 - 30 min	

Descriptive Properties	Value	Comments
Color	Black	
Parts by Weight (pbw)	100	AboCast 22-30

Descriptive Properties

Value

Comments)-12

Contact Songhan Plastic Technology Co.,Ltd.

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