

## Abatron AboCast 50-3/AboCure 50-3 Clear Epoxy Adhesive and Casting Compound

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

### Material Notes:

AboCast 50-3 is a medium viscosity, clear Epoxy Resin. AboCure 50-3 is clear-amber in color, room-temperature-cure, and slow. It has variable ratios and low viscosity. AboCast 50-3/AboCure 50-3 is used for casting, potting, and encapsulating applications where bubble-free flow, high resistivity, and low exotherm are needed simultaneously.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Abatron-AboCast-50-3AboCure-50-3-Clear-Epoxy-Adhesive-and-Casting-Compound.php](http://www.lookpolymers.com/polymer_Abatron-AboCast-50-3AboCure-50-3-Clear-Epoxy-Adhesive-and-Casting-Compound.php)

Physical Properties	Metric	English	Comments
Water Absorption	0.49 %	0.49 %	
	@Time 605000 sec	@Time 168 hour	
Viscosity	2500 cP	2500 cP	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	59.3 MPa	8600 psi	
Elongation at Break	6.0 %	6.0 %	
Compressive Strength	77.9 MPa	11300 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	72.0 °C	162 °F	Deflection Temp at unknown load

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

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

Processing Properties	Metric	English	Comments
Pot Life	180 min	180 min	

Descriptive Properties	Value	Comments
Hardening Time (min)	720	
Parts by Weight (pbw)	100	AboCast 50-3

Descriptive Properties	Value	Comments
	40	AbcCure 50-3

## Contact Songhan Plastic Technology Co.,Ltd.

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