

## Abatron AboCast 8-9/Abocure 8-9 Epoxy (discontinued \*\*)

Category : Polymer , Thermoset , Epoxy

### Material Notes:

2-part solvent-free dielectric epoxy casting compound. Processing: 100/50 ratio (pbw); Gel time, 100 g (3.5 oz.): 480 minutes; cures in 3 weeks at 25°C (77°F). Applications: solventless casting, adhesive, and coating.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Abatron-AboCast-8-9Abocure-8-9-Epoxy-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Abatron-AboCast-8-9Abocure-8-9-Epoxy-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Water Absorption	0.31 %	0.31 %	in 24 hours.
Viscosity Measurement	445	445	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	
Tensile Strength, Ultimate	45.51 MPa	6601 psi	
Elongation at Break	18 %	18 %	
Flexural Strength	76.88 MPa	11150 psi	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	2.90e+9 ohm-cm	2.90e+9 ohm-cm	
	@Temperature 93.3 °C	@Temperature 200 °F	
	2.40e+11 ohm-cm	2.40e+11 ohm-cm	
Dielectric Constant	@Temperature 65.6 °C	@Temperature 150 °F	
	3.60e+15 ohm-cm	3.60e+15 ohm-cm	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Dissipation Factor	3.26	3.26	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dissipation Factor	0.011	0.011	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

Processing Properties	Metric	English	Comments
Processing Temperature	25.0 °C	77.0 °F	Curing time: 3 weeks

## **Contact Songhan Plastic Technology Co.,Ltd.**

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