

## Abatron AboCast 8-6/Abocure 8-6 Epoxy (discontinued \*\*)

Category : Polymer , Thermoset , Epoxy

### Material Notes:

2-part solvent-free dielectric epoxy casting compound. Processing: 100/50 ratio (pbw); Gel time, 1 lb. (2.2 kg): 115 minutes; cures in 16 hours at 25°C (77°F); postcure: 2 hours at 100°C (212°F). Applications: solventless casting, adhesive, and coating.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Abatron-AboCast-8-6Abocure-8-6-Epoxy-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Abatron-AboCast-8-6Abocure-8-6-Epoxy-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Water Absorption	0.24 %	0.24 %	in 24 hours.
Viscosity Measurement	1000	1000	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	83	83	
Tensile Strength, Ultimate	49.64 MPa	7200 psi	
Elongation at Break	6.8 %	6.8 %	
Flexural Strength	84.81 MPa	12300 psi	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.50e+10 ohm-cm	1.50e+10 ohm-cm	
	@Temperature 93.3 °C	@Temperature 200 °F	
	8.20e+12 ohm-cm	8.20e+12 ohm-cm	
Dielectric Constant	@Temperature 65.6 °C	@Temperature 150 °F	
	2.00e+15 ohm-cm	2.00e+15 ohm-cm	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Dissipation Factor	3.48	3.48	
	@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: 16 hours; Postcure: 2 hours/100°C (212°F)

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

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