

## Abatron AboCast 8-10/Abocure 8-10 Epoxy (discontinued \*\*)

Category : Polymer , Thermoset , Epoxy

### Material Notes:

2-part solvent-free dielectric epoxy casting compound. Processing: 100/35 ratio (pbw); Gel time, 1 lb. (2.2 kg): 45 minutes; cures in 6 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-8-10Abocure-8-10-Epoxy-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Abatron-AboCast-8-10Abocure-8-10-Epoxy-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Water Absorption	0.17 %	0.17 %	in 24 hours.
Viscosity Measurement	700	700	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	
Tensile Strength, Ultimate	61.36 MPa	8900 psi	
Elongation at Break	4.5 %	4.5 %	
Flexural Strength	106.87 MPa	15500 psi	
Izod Impact, Notched	0.204 J/cm	0.382 ft-lb/in	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	59.0 °C	138 °F	Deflection temperature; load unknown.

Electrical Properties	Metric	English	Comments
Electrical Resistivity	<= 1.00e+9 ohm-cm	<= 1.00e+9 ohm-cm	
	@Temperature 93.3 °C	@Temperature 200 °F	
	3.00e+11 ohm-cm	3.00e+11 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	3.68	3.68	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	0.013	0.013	

Electrical Properties	@Frequency 1e+6 Hz Metric	@Frequency 1e+6 Hz English	Comments
Processing Properties	Metric	English	Comments
Processing Temperature	25.0 °C	77.0 °F	Curing time: 6 hours; Postcure: 2 hours/100°C (212°F)

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China