

## Abatron AboCast 8-12/Abocure 8-12 Epoxy (discontinued \*\*)

Category : Polymer , Thermoset , Epoxy

### Material Notes:

2-part solvent-free dielectric epoxy casting compound. Processing: 100/13.2 ratio (pbw); Gel time, 100 g (3.5 oz.): 49 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-8-12Abocure-8-12-Epoxy-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Abatron-AboCast-8-12Abocure-8-12-Epoxy-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Water Absorption	0.21 %	0.21 %	in 24 hours.
Viscosity Measurement	400	400	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	87	87	
Tensile Strength, Ultimate	73.77 MPa	10700 psi	
Elongation at Break	5.9 %	5.9 %	
Flexural Strength	134.45 MPa	19500 psi	
Izod Impact, Notched	0.262 J/cm	0.491 ft-lb/in	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	77.0 °C	171 °F	Deflection temperature; load unknown.

Electrical Properties	Metric	English	Comments
Electrical Resistivity	7.00e+10 ohm-cm	7.00e+10 ohm-cm	
	@Temperature 93.3 °C	@Temperature 200 °F	
	3.00e+13 ohm-cm	3.00e+13 ohm-cm	
Dielectric Constant	@Temperature 65.6 °C	@Temperature 150 °F	
	8.00e+13 ohm-cm	8.00e+13 ohm-cm	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Dissipation Factor	4.0	4.0	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	0.020	0.020	

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: 16 hours; Postcure: 2 hours/100°C (212°F)

## Contact Songhan Plastic Technology Co.,Ltd.

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