

## Abatron AboCast 8-17/Abocure 8-17 Epoxy (discontinued \*\*)

Category : Polymer , Thermoset , Epoxy

### Material Notes:

2-part, clear, solvent-free dielectric epoxy casting compound. Processing: 100/35.00 ratio (pbw); Gel time, 100 g (3.5 oz.): 123 minutes; cures in 2 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-8-17Abocure-8-17-Epoxy-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Abatron-AboCast-8-17Abocure-8-17-Epoxy-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Water Absorption	0.25 %	0.25 %	in 24 hours.
Viscosity Measurement	700	700	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	82	82	
Tensile Strength, Ultimate	55.85 MPa	8100 psi	
Elongation at Break	5.0 %	5.0 %	
Modulus of Elasticity	2.827 GPa	410.0 ksi	
Flexural Yield Strength	91.7 MPa	13300 psi	
Compressive Yield Strength	75.84 MPa	11000 psi	
Izod Impact, Notched	0.246 J/cm	0.461 ft-lb/in	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.0 °C	180 °F	Deflection temperature; load unknown.

Electrical Properties	Metric	English	Comments
Electrical Resistivity	8.00e+9 ohm-cm	8.00e+9 ohm-cm	
	@Temperature 93.3 °C	@Temperature 200 °F	
	6.00e+11 ohm-cm	6.00e+11 ohm-cm	
	@Temperature 65.6 °C	@Temperature 150 °F	
	3.00e+15 ohm-cm	3.00e+15 ohm-cm	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Dielectric Constant	3.89	3.89	

Electrical Properties	@Frequency 1e+6 Hz Metric	@Frequency 1e+6 Hz English	Comments
Dissipation Factor	0.020	0.020	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

Processing Properties	Metric	English	Comments
Processing Temperature	25.0 °C	77.0 °F	Curing time: 2 weeks

## 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