

Abatron AboCast 8-14/Abocure 8-14 Epoxy (discontinued **)

Category : Polymer , Thermoset , Epoxy

Material Notes:

2-part, clear, solvent-free dielectric epoxy casting compound. Processing: 100/12.10 ratio (pbw); Gel time, 100 g (3.5 oz.): 63 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-8-14Abocure-8-14-Epoxy-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Water Absorption	0.11 %	0.11 %	in 24 hours.
Viscosity Measurement	400.01	400.01	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	
Tensile Strength, Ultimate	46.54 MPa	6750 psi	
Elongation at Break	1.8 %	1.8 %	
Modulus of Elasticity	3.447 GPa	500.0 ksi	
Flexural Yield Strength	133.76 MPa	19400 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	86.0 °C	187 °F	Deflection temperature; load unknown.

Electrical Properties	Metric	English	Comments
Electrical Resistivity	7.00e+11 ohm-cm	7.00e+11 ohm-cm	
	@Temperature 93.3 °C	@Temperature 200 °F	
	5.00e+14 ohm-cm	5.00e+14 ohm-cm	
	@Temperature 65.6 °C	@Temperature 150 °F	
	7.00e+15 ohm-cm	7.00e+15 ohm-cm	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Dielectric Constant	3.91	3.91	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dissipation Factor	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.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China