

Abatron AboCast/AboCure 4-4/50-3 Casting Epoxy for Tooling

Category : Polymer , Thermoset , Epoxy , Epoxy, Cast, Unreinforced

Material Notes:

Standard casting compound for molds or patterns of any size, that can be machined with common metal working tools, engraving and reproduction molds. Main Advantages: Easy ratios Long pot life Large castings Low exotherm Main Drawbacks: Very slow for very thin castings (

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboCastAboCure-4-450-3-Casting-Epoxy-for-Tooling.php

Physical Properties	Metric	English	Comments
Water Absorption	0.10 - 0.50 %	0.10 - 0.50 %	24-200 hours
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	>= 85	>= 85	
Tensile Strength at Break	35.9 MPa	5200 psi	
Elongation at Break	3.6 %	3.6 %	
Flexural Strength	49.6 MPa	7200 psi	
Compressive Strength	86.2 MPa	12500 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.586 - 0.669 W/m-K	4.06 - 4.64 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	65.0 - 70.0 °C	149 - 158 °F	
	93.0 °C	199 °F	Deflection temperature after post-cure

Processing Properties	Metric	English	Comments
Pot Life	120 - 180 min @Temperature 25.0 °C	120 - 180 min @Temperature 77.0 °F	1-2 lbs

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