

BCC Products BC 7062-3H Epoxy Casting

Category : Polymer , Thermoset , Epoxy

Material Notes:

BC 7062 are aluminum filled, low viscosity epoxy mass casting resins. These room temperature cure systems allow the user choice thicknesses of 1/8 inch to a maximum of 6 inches without foaming or yielding excessive shrinkage. Casting thicknesses may be increased by incorporating aluminum needles, puffs or granules. BC 7062, when properly cured, provides nearly perfect reproduction, resulting in a dimensionally stable, hard, tough surface. For use in constructing duplicate models, prototypes, patterns, facing dies, etc. Information provided by BCC Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BCC-Products-BC-7062-3H-Epoxy-Casting.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.72 g/cc	1.72 g/cc	
Brookfield Viscosity	3800 cP @Temperature 23.9 °C	3800 cP @Temperature 75.0 °F	Mixed
Linear Mold Shrinkage	0.0027 cm/cm	0.0027 in/in	ASTM D2566-69

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85 @Temperature 23.9 °C	85 @Temperature 75.0 °F	
Tensile Strength, Ultimate	31.0 MPa	4500 psi	
Flexural Strength	49.6 MPa	7200 psi	
Compressive Strength	75.8 MPa	11000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	75.6 µm/m-°C	42.0 µin/in-°F	
Heat Distortion Temperature	52.8 °C	127 °F	

Processing Properties	Metric	English	Comments
Cure Time	>= 2880 min @Temperature 24.0 °C	>= 48.0 hour @Temperature 75.2 °F	
Pot Life	>= 240 min @Temperature 24.0 °C	>= 240 min @Temperature 75.2 °F	2 lb. mass

Descriptive Properties	Value	Comments
Machinability	Excellent	
Mix Ratio	6:1 by weight, 2.9:1 by volume, resin/harder	

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