

BCC Products EB 6200 Epoxy Tooling Board

Category : Polymer , Thermoset , Epoxy , Epoxy Molding Compound

Material Notes:

EB6200 is a "grain-free" elevated temperature epoxy modeling material known for its superior surface finish, dimensional stability and the ability to maintain tolerances even after being subjected to temperature variations. EB6200 has excellent dimensional stability results from the low coefficient of thermal expansion and high glass transition temperature. Applications: Master Models (Aerospace); Automotive Die Models; Vacuum Forming at Elevated Temperatures; Lay-Up Tools for Medium and High Temperature Curing Prepreg Information provided by BCC Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BCC-Products-EB-6200-Epoxy-Tooling-Board.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.760 g/cc	0.760 g/cc	ASTM-D-792-66

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	72	72	ASTM D2240
Tensile Strength, Ultimate	30.3 MPa	4400 psi	ASTM D638
Flexural Strength	35.5 MPa	5150 psi	ASTM D790
Flexural Modulus	2.41 GPa	349 ksi	ASTM-D-790
Compressive Strength	33.1 MPa	4800 psi	ASTM D695
Compressive Modulus	2.36 GPa	342 ksi	ASTM-D-695
Izod Impact, Notched	0.299 J/cm	0.560 ft-lb/in	ASTM D256
Izod Impact Unnotched	1.42 J	1.05 ft-lb	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	37.8 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	21.0 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
Deflection Temperature at 1.8 MPa (264 psi)	149 $^\circ\text{C}$	300 $^\circ\text{F}$	ASTM-D-648-56
Glass Transition Temp, Tg	$\geq 163\text{ }^\circ\text{C}$	$\geq 325\text{ }^\circ\text{F}$	ASTM D3418

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China