

BCC Products BE 290 Epoxy Laminating System

Category : Polymer , Thermoset , Epoxy

Material Notes:

BE 290 is a low viscosity, medium pot life, room temperature laminating system. BE 290 features low odor, reduced toxicity and adequate working life for constructing medium and large fabricated tools. Information provided by BCC Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BCC-Products-BE-290-Epoxy-Laminating-System.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	
Brookfield Viscosity	2700 cP @Temperature 23.9 °C	2700 cP @Temperature 75.0 °F	Mixed
Linear Mold Shrinkage	0.0015 cm/cm	0.0015 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	86 @Temperature 23.9 °C	86 @Temperature 75.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	67.2 °C	153 °F	

Processing Properties	Metric	English	Comments
Cure Time	1440 min @Temperature 24.0 °C	24.0 hour @Temperature 75.2 °F	
Pot Life	65 - 70 min @Temperature 24.0 °C	65 - 70 min @Temperature 75.2 °F	1 lb. mass

Descriptive Properties	Value	Comments
Mix Ratio	3:1 by weight, 2.5:1 by volume, resin/harder	

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