

BCC Products BC 5003 Epoxy Laminating System

Category : Polymer , Thermoset , Epoxy

Material Notes:

BC 5003 is a medium viscosity, unfilled laminating system. It is a room temperature curing resin with a relatively short pot life. BC 5003 is also considered an excellent general purpose adhesive for in-shop use. Information provided by BCC Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BCC-Products-BC-5003-Epoxy-Laminating-System.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	
Brookfield Viscosity	3500 cP @Temperature 23.9 °C	3500 cP @Temperature 75.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	86	86	
Tensile Strength, Ultimate	77.2 MPa	11200 psi	
Flexural Strength	131 MPa	19000 psi	
Flexural Modulus	3.31 GPa	480 ksi	
Compressive Strength	116 MPa	16800 psi	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	77.8 °C	172 °F	

Processing Properties	Metric	English	Comments
Cure Time	360 - 480 min @Temperature 24.0 °C	6.00 - 8.00 hour @Temperature 75.2 °F	
Pot Life	14 - 15 min @Temperature 24.0 °C	14 - 15 min @Temperature 75.2 °F	1/2 lb mass

Descriptive Properties	Value	Comments
Mix Ratio	100:20 by weight, 100:22 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