



POLYTEK® DEVELOPMENT CORP.
BCC PRODUCTS, INC

Product Technical Datasheet PolyPoxy® 5003 Laminating Epoxy

PolyPoxy® 5003 Laminating Epoxy 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. Recommended for use in gluing up BCC's Tooling Board Series.

Working Properties

Mix Ratio (Resin/Hardener)	100 to 20 by wt. 100 to 22 by vol.
Viscosity (Mixed) Brookfield @ 75°F	3,500 cps
Pot Life (1/2 lb. mass) 75°F	14-15 Minutes
Cure Schedule @ 75°F	6-8 Hours

Physical Properties

Specific Gravity (gms/cc)	1.14
Hardness (Shore D) @ 75°F	86
Color	Clear or Red
Tensile Strength (Ultimate)	11,200 psi
Flexural Strength (Ultimate)	19,000 psi
Flexural Modulus (psi)	4.8 x 10
Compressive Strength (Ultimate)	16,800 psi
Heat Distortion Temperature (264 psi)	172°F

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