



**BCC PRODUCTS, INC.**

**BLEHM PLASTICS**

FAST CAST – EPOXIES – ADHESIVES - POLYSULFIDES - URETHANES – POLYESTER PASTES – TOOLING BOARDS – RELEASE AGENTS – SILICONES

## **EPOXY LAMINATING SYSTEM**

(Clear/Red)

**BC5003**

Epoxy

**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. 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

**NOTE:** The information contained herein is believed to be reliable. All recommendations are made without guarantee inasmuch as conditions and methods of commercial use are beyond our control. Properties given are typical values and are not intended for use in preparing specifications.

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