



BCC PRODUCTS, INC.

BLEHM PLASTICS

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

EPOXY LAMINATING

(White/Blue)

BC5010

Epoxy

BC 5010 is a high quality, low viscosity room temperature curing laminating resin. A Safety System for the production of a variety of dimensionally stable fiberglass tools. **BC 5010** features low odor and rapid “wet-out” with no vertical drain off. An excellent general purpose laminating resin to meet the tooling requirements for automotive, aircraft and foundry.

Working Properties

Mix Ratio (Resin/Hardener)	6 to 1 by wt. 4.5 to 1 by vol.
Viscosity (Mixed) Brookfield @ 77°F	3,200 cps
Pot Life (1 lb. mass) @ 77°F	25-30 Minutes
Cure Schedule @ 77°F	8-12 Hours

Physical Properties

Specific Gravity (gms/cc)	1.36
Color	White or Blue
Weight/cu.in. (lbs.)	0.049
Hardness (Shore D) @ 77°F	90
Heat Distortion Temperature (°F)*	190
Tensile Strength (Ultimate) psi*	25,100
Flexural Strength (Ultimate) psi*	30,500
Flexural Modulus (psi)*	1.88 x 10 ⁶
Compressive Strength (Ultimate) psi*	38,600
Thermal Coefficient of Expansion in./in./°F	1.30 x 10 ⁻⁵

**Properties obtained from a laminate using #1500 fiberglass tooling cloth.*

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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