



BCC PRODUCTS, INC.

BLEHM PLASTICS

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

GENERAL PURPOSE EPOXY SYSTEM

(Clear)

BC5008-2

Epoxy

BC 5008-2 is a very low viscosity, modified, unfilled, room temperature curing, general purpose resin system. **BC 5008-2** is a clear, amber, medium pot life material, with heat resistance to 175°F. Also considered an excellent general purpose adhesive for in-shop use and will function as a laminating system for horizontal surfaces.

Working Properties

Mix Ratio (Resin/Hardener)	100 to 25 by wt. 100 to 26 by vol.
Viscosity (Mixed) Brookfield @ 75°F	550 cps
Pot Life (1/2 lb. mass) @ 75°F	25-30 Minutes
Cure Schedule @ 75°F	8-12 Hours

Physical Properties

Specific Gravity (gms/cc)	1.10
Weight/cu.in. (lbs.)	0.040
Hardness (Shore D) @ 75°F	86
Heat Distortion Temperature (°F)	159
Tensile Strength (Ultimate) psi	9,500
Flexural Strength (Ultimate) psi	18,000
Compressive Strength (Ultimate) psi	17,400
Thermal Coefficient of Expansion in./in./°F	1.18 x 10 ⁻⁵

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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