



BCC PRODUCTS, INC.

BLEHM PLASTICS

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

EPOXY SURFACE COAT/CASTING

(Blue)

BC6060

Epoxy

BC 6060 is a blue epoxy, abrasion resistant surfacing resin. Commonly referred to as “die surface” material, this system may be applied by brush or if preferred, cast in thin sections to a maximum of ½”. Ideally suited for a variety of applications, **BC 6060** is recommended for dies, foundry pattern and core boxes, router, trim and inspection fixtures.

Working Properties

Mix Ratio (Resin/Hardener)	100 to 9 by wt. 100 to 15 by vol.
Viscosity (Brookfield @ 75°F) Mixed	25,000 cps
Pot Life (4 oz. mass) @ 75°F	30-35 Minutes
Cure Schedule @ 75°F	12-16 Hours

Physical Properties

Specific Gravity (gms/cc)	1.76
Weight/cu.in. (lbs.)	0.064
Hardness (Shore D) @ 75°F	89
Ultimate Tensile Strength (psi)	7,200
Ultimate Flexural Strength (psi)	8,900
Ultimate Compressive Strength (psi)	16,400
Heat Distortion Temperature (°F)	158
Shrinkage, Linear (ASTM-D-2566-69)	0.002 in./in.
Machinability	Poor

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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