



POLYTEK® DEVELOPMENT CORP.
BCC PRODUCTS, INC.

Product Technical Datasheet PolyPoxy® 6060 Epoxy Surface Coat

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

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