



BCC PRODUCTS, INC.

BLEHM PLASTICS

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

URETHANE ELASTOMER

(AMBER)

BC8660E

Urethane

BC8660E is a multi-purpose elastomer that can perform many functions. Special product characteristics are: excellent use for molds for casting of concrete and plaster, resists moisture absorption, does not contain MOCA, MDA, TDI or MDI, very easy to use and cures at room temperature.

Handling Properties

Mix Ratio:

Resin Part A	100 parts by Weight
Hardener Part B	55 parts by Weight
Initial Mixed Viscosity, 77° F (cps)	2500
Color	
Resin Part A	Clear
Hardener Part B	Amber
Work Life @ 77° F	25 minutes
Demold Time	8 - 14 hrs at room temperature 4 hrs or less at elevated temperatures
Cure Schedule	1 day at ambient temperature for general use

After demolding it is recommended that this product be allowed to cure at ambient temperature conditions for a minimum of 3 days for development of full properties. Mold prep and releasing: When **BC8660E** is used to reproduce molds from plaster, wood or other porous substrates, it is recommended that they be sealed with sealer. Release agents may then be applied over the sealed surface.

NOTE: Prolonged direct exposure to sunlight can affect the surface of this product. Cover molds or other products when storing them outdoors. The cure will be inhibited if cast against a tin catalyzed silicone RTV.

Cured Properties

Hardness, Shore A	60+/-2A
Specific Gravity (gm/cc)	
Resin Part A	1.07
Hardener Part B	1.02
Cured Density, specific gravity (gm/cc)	1.05
Shrinkage (in./in. linear)	.001
Tensile Strength (psi)	1625
Ultimate Elongation (%)	700
Tear Strength (pli)	200

2140 Earlywood Drive, P.O. Box 327, Franklin, IN 46131

Ph (317) 736-4090 Fax (317) 736-4872

Web: www.bccproducts.com & www.blehmplastics.com