



BCC PRODUCTS, INC.

BLEHM PLASTICS

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

HOLLOW MICROSPHERES

**BC 37
CERAMIC**

USES

BC 37 are hollow microspheres, which are ceramic in nature. They are an efficient lightweight filler material to be used in applications with most resins.

PHYSICAL PROPERTIES

Color:	Gray
Physical Form:	Free Flowing Powder
Partical Distribution Microns:	10 - 350
Mean Diameter Microns:	120 - 130
Bulk Density:	15lbs/ft ³ 0.4g/cm ³
True Density:	0.70 - 0.80g/cm ³
Shell Thickness:	Approx. 10% of diameter
Softening Point, °C:	1200
Compressive Strength:	2700 psi 190 kg/cm ³
Hardness, Moh's scale:	5
Shell Material, by wt.:Silica (as SiO ₂)	58-65%
	Alumina (as Al ₂ O ₃) 28-33
	Iron Oxides (as Fe ₂ O ₃) Max 4

Ceramic hollow microspheres may contain a small amount of crystalline silica (less than 5%). Grinding, milling or through other applications generating dust may create a respiratory hazard. When dust is generated, the use of NIOSH approved respirators is recommended. Please refer to the Material Safety Data Sheet for the safe handling of this product.

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