



BCC PRODUCTS, INC.

BLEHM PLASTICS

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

ALUMINUM BOARD

(MACHINEABLE)

MB 8250

BCC Products now offers a truly metal-like machineable modeling plank for today's demanding applications. **MB 8250** is an aluminum filled product that is dimensionally stable and exhibits unsurpassed machinable properties.

Outstanding Features

- * Excellent machineability
- * Low dust emission
- * No shrinkage
- * Low moisture absorption
- * Excellent surface detail reproduction
- * Excellent surface finish

Uses

- * Proofing intricate NC designs
- * Numerous tooling aids
- * Master models (automotive/aerospace)
- * Various prototypes
- * Architectural models
- * Foundry applications
- * Bases for Die models
- * Short run vacuum forming tools (low temperature)

Physical Properties

Density (lbs/ft ³ ; gms/cm ³)	99.84; 1.60
Hardness (Shore D)	85
Tensile Strength (PSI)	4046.7
Flexural Strength (PSI)	6766.7
Flexural Modulus (PSI)	612155.0
Tensile Modulus (PSI)	78820.0
Compressive Strength	8445.7
Compressive Modulus (PSI)	133733.0
Impact Strength (IZOD) Notched	1.36
Heat Distortion Temperature @ 264 PSI	175°F
Coefficient of Thermal Expansion (in./in./°F)	39.239 x 10 ⁻⁶

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