

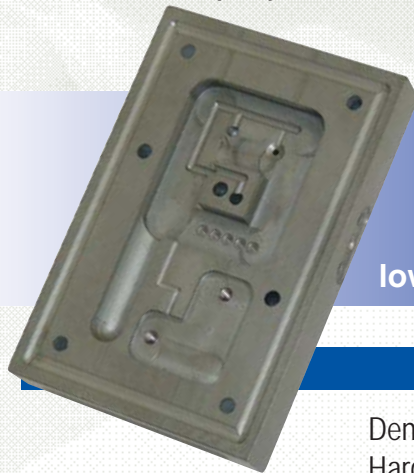


MB8250

TOOLING AND STAMPING PLANK

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.

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



Using our BC8010 Metal-Kast you can reconstitute the scraps for a casted lower performing board

SPECIFICATIONS/PHYSICAL PROPERTIES

Density (lbs/ft ³ ; gms/cm ³).....	99.84; 1.60
Hardness (Shore D).....	85
Tensile Strength (PSI).....	4,046.7
Flexural Strength (PSI).....	6,766.7
Flexural Modulus (PSI).....	612,155.0
Tensile Modulus (PSI).....	78,820.0
Compressive Strength.....	8,445.7
Compressive Modulus (PSI).....	133,733.0
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
Repair Material.....	BC8010
Adhesive.....	BC5003 Clear

BCC Products Inc.

2140 Earlywood Dr. • Franklin, IN 46131

Order-Line: 800-556-0067 • Fax: 317-736-4872 • www.bccproducts.com



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Packaging

MB 8250 comes in its natural aluminum color. A standard carton of MB 5000 contains one 60 inch x 16 inch x 2 inch board which yields approximately 13 1/3 board feet. For convenience, the MB 8250 High Density Tooling Board is shipped pre-sanded (top and bottom surfaces) for preparation in gluing assembled pieces.

Available Sizes:

2" x 16" x 60"

Other specialty sizes available upon request

Machining (Recommendations)

<i>Roughing Speed</i>	<i>Roughing Feed</i>	<i>Finishing Speed</i>	<i>Finishing Feed</i>
1500-2000 RPM	50-70 IPM	3200-6000 RPM	100-200 IPM

Cutters:

Roughing: 1/2" Ball End Mill - 4 Flute Carbide

Finishing: 1/2" Ball End Mill - 4 Flute Carbide

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