

## BCC Products MB 2001 Urethane Foam Modeling Board

Category : Polymer , Thermoplastic , Polyurethane, TP

### Material Notes:

MB2001 is a general purpose light weight urethane board engineered specifically to meet the tooling requirements of a wide range of applications for the automotive/aerospace, prototype, foundry, and architectural industries. MB2001 is an easy to machine, simulated wood-like product (free or grain) that is dimensionally stable and exhibits great woodworking properties. Some of its outstanding performance features are listed below. Features:excellent machinability, low dust emission, no shrinkage, low moisture absorption, no grain, excellent surface finish and edge definition, easily paintable and hand carvable. Uses: proofing intricate CNC designs, numerous tooling aids, temporary master models (automotive/aerospace), various prototypes, architectural models, foundry applications, bases for die models.Information provided by BCC Products, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BCC-Products-MB-2001-Urethane-Foam-Modeling-Board.php](http://www.lookpolymers.com/polymer_BCC-Products-MB-2001-Urethane-Foam-Modeling-Board.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.740 g/cc	0.740 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	68	68	
Tensile Strength, Ultimate	26.2 MPa	3800 psi	
Flexural Strength	35.5 MPa	5150 psi	
Flexural Modulus	1.063 GPa	154.2 ksi	
Izod Impact	2.60 J	1.92 ft-lb	

Thermal Properties	Metric	English	Comments
CTE, linear	84.2 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	46.8 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
Deflection Temperature at 1.8 MPa (264 psi)	77.8 $^\circ\text{C}$	172 $^\circ\text{F}$	

## Contact Songhan Plastic Technology Co.,Ltd.

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