

## BCC Products MB 1150 Polyurethane Foam Modeling Board

Category : Polymer , Thermoplastic , Polyurethane, TP

### Material Notes:

MB 1150 is an Avocado colored rigid closed-cell polyurethane foam tooling and modeling board. MB 1150 is low density foam of approximately 15lbs/ft<sup>3</sup> board. Easily cut using CNC machining equipment or by hand the MB 1150 is perfectly suited for temporary master models, architectural design models, foundry patterns as well as design verification and prototype tools. Features: easily machined or hand carved, very little abrasion, no shrinkage, excellent at high speed cutting, excellent surface finish, exceptional dimensional stability. 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-1150-Polyurethane-Foam-Modeling-Board.php](http://www.lookpolymers.com/polymer_BCC-Products-MB-1150-Polyurethane-Foam-Modeling-Board.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.240 g/cc	0.240 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	30	30	
Tensile Strength, Ultimate	4.14 MPa	600 psi	
Flexural Strength	5.38 MPa	780 psi	
Compressive Strength	3.86 - 4.07 MPa	560 - 590 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	59.4 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	33.0 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$	
Maximum Service Temperature, Air	90.6 $^{\circ}\text{C}$	195 $^{\circ}\text{F}$	
Minimum Service Temperature, Air	-184 $^{\circ}\text{C}$	-300 $^{\circ}\text{F}$	

## Contact Songhan Plastic Technology Co.,Ltd.

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