

# BCC Resins MB2001

Polyurethane

BCC Products Inc.

## Message:

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 unsurpassed woodworking properties. Some of its outstanding performance features are listed below

General Information			
Features	General Purpose		
	Good Dimensional Stability		
	Good Surface Finish		
	Low Moisture Absorption		
	Low Shrinkage		
	Machinable		
	Paintable		
Uses	Aerospace Applications		
	Agricultural Applications		
	Automotive Applications		
	General Purpose		
	Modeling Material		
	Molds/Dies/Tools		
	Prototyping		
Appearance	Mahogany		
Forms	Liquid		
Processing Method	Machining		
Physical	Nominal Value	Unit	Test Method
Density	0.740	g/cm <sup>3</sup>	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	68		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	26.2	MPa	ASTM D638
Flexural Modulus	1060	MPa	ASTM D790
Flexural Strength	35.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Unannealed)	77.8	°C	ASTM D648
CLTE - Flow	8.4E-5	cm/cm/°C	ASTM D696

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