

BCC Resins MB 1000

Thermoset, Unspecified

BCC Products Inc.

Message:

MB 1000 is a simulated wood-like product (free of grain) that is dimensionally stable and exhibits unsurpassed woodworking properties. Unlike other model board stock, MB 1000 is offered in both Pine and Mahogany colors. A standard carton of MB 1000 contains three 60 inch x 16 inch x 2 inch boards which yields approximately 40 board feet. A single board carton is also available and may be shipped standard Parcel Post if desired. For convenience, MB 1000 is shipped pre-planed (top and bottom surfaces) for preparation in gluing assembled pieces.

General Information			
Features	Good Surface Finish		
	Low Moisture Absorption		
	Machinable		
Uses	Modeling Material		
	Prototyping		
Appearance	Mahogany		
	Pine		
Forms	Preformed Parts		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.658	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	67		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	317	MPa	ASTM D638
Tensile Strength	18.3	MPa	ASTM D638
Flexural Modulus	883	MPa	ASTM D790
Flexural Strength	29.3	MPa	ASTM D790
Compressive Modulus	877	MPa	ASTM D695
Compressive Strength	22.8	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648
CLTE - Flow	7.7E-5	cm/cm/°C	ASTM D696

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