

# BCC Resins MB1150

Polyurethane

BCC Products Inc.

## Message:

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.

General Information			
Features	Foamable		
	Good Abrasion Resistance		
	Good Dimensional Stability		
	Good Surface Finish		
	High Rigidity		
	Low Shrinkage		
	Machinable		
Uses	Aerospace Applications		
	Agricultural Applications		
	Automotive Applications		
	Modeling Material		
	Molds/Dies/Tools		
	Patterns		
	Prototyping		
Appearance	Clear Amber		
Forms	Liquid		
Processing Method	Foam Processing		
	Machining		
Physical	Nominal Value	Unit	Test Method
Density	0.240	g/cm <sup>3</sup>	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	30		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	4.14	MPa	ASTM D638
Flexural Strength	5.38	MPa	ASTM D790
Compressive Strength	3.86 to 4.07	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648

Continuous Use Temperature	40.6 to 257	°C	ASTM D794
CLTE - Flow	5.9E-5	cm/cm/°C	ASTM D696

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