

# BCC Resins MB1200

Polyurethane

BCC Products Inc.

## Message:

MB 1200 is an Apricot and/or Pink colored rigid closed-cell polyurethane foam tooling and modeling board. MB 1200 is low density foam of approximately 20lbs/ft<sup>3</sup> board. Easily cut using CNC machining equipment or by hand the MB 1200 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 Density
	Low Shrinkage
	Machinable
Uses	Aerospace Applications
	Agricultural Applications
	Automotive Applications
	Modeling Material
	Molds/Dies/Tools
	Patterns
	Prototyping
Appearance	Pink
Forms	Liquid
Processing Method	Foam Processing
	Machining

Physical	Nominal Value	Unit	Test Method
Density	0.320	g/cm <sup>3</sup>	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	40		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	6.17	MPa	ASTM D638
Flexural Strength	9.17	MPa	ASTM D790
Compressive Strength	7.79 to 7.86	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	5.9E-5	cm/cm/°C	ASTM D696

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

