

BCC Resins MB3500

Polyurethane

BCC Products Inc.

Message:

BCC Products now offers a revolutionary state-of-the-art machinable fixture board for today's demanding tooling requirements. MB 3500 is an extremely tough, high impact Urethane Plank, that can replace aluminum and other metals for many foundry applications.

General Information			
Features	Good Surface Finish		
	Good Toughness		
	Good Wear Resistance		
	High Impact Resistance		
	Low Shrinkage		
	Machinable		
Uses	Agricultural Applications		
	Metal Replacement		
	Modeling Material		
	Patterns		
	Prototyping		
Appearance	Grey		
	White		
Forms	Liquid		
Processing Method	Machining		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.768	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	71 to 75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Ultimate)	45.0	MPa	ASTM D638
Flexural Modulus	2320	MPa	ASTM D790
Flexural Strength	80.4	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	93.3	°C	ASTM D648
Glass Transition Temperature	102	°C	ASTM D4065
CLTE - Flow (-30 to 30°C)	5.2E-5	cm/cm/°C	ASTM D3386

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

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

