

BCC Resins MB8250

Polyurethane

BCC Products Inc.

Message:

BCC Products now offers a truly metal-like machineable modeling plank for today's demanding applications. MB 8250 is an aluminum filled product that is dimensionally stable and exhibits unsurpassed machinable properties.

General Information			
Filler / Reinforcement	Aluminum		
Features	Good Dimensional Stability		
	Good Surface Finish		
	Low Moisture Absorption		
	Low Shrinkage		
	Machinable		
Uses	Aerospace Applications		
	Automotive Applications		
	Modeling Material		
	Molds/Dies/Tools		
	Prototyping		
Forms	Liquid		
Processing Method	Machining		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.60	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	543	MPa	ASTM D638
Tensile Strength	27.9	MPa	ASTM D638
Flexural Modulus	4220	MPa	ASTM D790
Flexural Strength	46.7	MPa	ASTM D790
Compressive Modulus	922	MPa	ASTM D695
Compressive Strength	58.2	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	73	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	79.4	°C	ASTM D648
CLTE - Flow	7.1E-5	cm/cm/°C	ASTM D696

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