

BCC Resins BC 4544

Thermoset Polyester

BCC Products Inc.

Message:

BC 4544 is a polyester resin base compound that is easy to use, sets in minutes, and can be sanded or carved almost immediately. BC 4544 can be carved, sanded, filed, scraped, drilled, tapped or machined to a feather edge. No paint preparation is required and even accepts stain better than wood.

General Information			
Features	Acid Resistant		
	Gasoline Resistance		
	Machinable		
	Thixotropic		
Uses	Furniture		
	Marine Applications		
	Modeling Material		
	Tooling		
Appearance	Mahogany		
	Pine		
Forms	Paste		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Ultimate)	10.7	MPa	ASTM D638
Compressive Strength	24.8	MPa	ASTM D695
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 1.5		
Resin	Mix Ratio by Weight: 100		
Pot Life (24°C)	6.0 to 12	min	
Shelf Life	52	wk	
Demold Time (24°C)	20 to 60	min	

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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

