

BCC Resins BC 4570

Thermoset Polyester

BCC Products Inc.

Message:

BC 4570 is a mulit-purpose paste designed for making quick repairs to a variety of substrates where service temperature exceeds 200°F (93°C). It is easy to mix and apply, cures in 15-20 minutes and can be readily shaped by filing, grinding, or machining thereafter. BC 4570 exhibits good adhesion to SMC, FRP, epoxy hi-heat molds, cast iron, aluminum, steel and many other surfaces. Featuring: heat resistance up to 425°F, excellent repair for aircraft/aerospace use, honeycomb core and foam core composite sealant, and repairs to SMC and FRP parts.

General Information			
Features	Machinable		
	Good adhesion		
	Heat resistance, high		
Uses	Aircraft applications		
	Aerospace applications		
	Repair Materials		
Appearance	Grey		
Forms	Adhesive		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.68	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	88		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	127	°C	ASTM D648
Thermoset	Nominal Value	Unit	
Thermoset Components			
Resin	Mixing ratio by weight: 100		
Hardening method	Mixing ratio by weight: 2.0		
Pot Life (24°C)	6.0 - 8.0	min	
Shelf Life (27°C)	26	wk	
Demold Time (24°C)	15 - 20	min	
Additional Information			
Hardness, ASTM D2240, Shore D: 85 - 90Vertical Sag Resistance (mixed), Boeing Test XBMS 5-136: < 1 inch			

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