

BCC Resins BC 4558

Thermoset Polyester

BCC Products Inc.

Message:

BCC Resins BC 4558 is a Thermoset Polyester product. It is available in North America. Applications of BCC Resins BC 4558 include aerospace and repairing material. Primary characteristic: flame retardant.

General Information			
Features	Flame Retardant		
	Self Extinguishing		
	Tack Free		
Uses	Aircraft Applications		
	Metal Repairing Material		
Agency Ratings	FAA 14 CFR Part 25.853 App F		
Forms	Paste		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	72		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Ultimate)	8.41	MPa	ASTM D638
Flexural Strength (Break)	17.1	MPa	ASTM D790
Compressive Strength	33.8	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	47.8	°C	ASTM D648
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 2.0		
Resin	Mix Ratio by Weight: 100		
Pot Life (24°C)	6.0 to 10	min	
Demold Time (24°C)	20 to 60	min	

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