

BCC Products BC 4558 Polyester Filler Paste

Category : Polymer , Thermoset , Polyester, TS

Material Notes:

BC4558 is a unique quickset paste designed for aircraft use in making fast repairs to damaged metal surfaces. Also recommended for use in edge filling honeycomb core and foam core composite panels. BC4558 features the following: 1. Quick setting, tack-free cure, 2. Fire resistant, 3. Light-bodied consistency, 4. Highly thixotropic, excellent vertical sag resistance, 5. Semi-resilient cure to withstand vibration, 6. Excellent sanding and finishing properties. Information provided by BCC Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BCC-Products-BC-4558-Polyester-Filler-Paste.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	72	72	
Tensile Strength, Ultimate	8.41 MPa	1220 psi	
Flexural Strength	17.1 MPa	2480 psi	
Compressive Strength	33.8 MPa	4900 psi	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	47.8 °C	118 °F	
Flammability Test	100	100	HLT-15

Processing Properties	Metric	English	Comments
Cure Time	30.0 min @Temperature 24.0 °C	0.500 hour @Temperature 75.2 °F	
Pot Life	6.0 - 10 min @Temperature 24.0 °C	6.0 - 10 min @Temperature 75.2 °F	gel time
Shelf Life	6.00 Month	6.00 Month	in tightly closed container

Descriptive Properties	Value	Comments
Flammability Test ()	passes F.A.R. 25.853	
Mix Ratio	100:2 resin/hardener	

Mixed Viscosity Brookfield
Descriptive Properties

Thixotropic
Value

Comments

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