



BCC PRODUCTS, INC.

BLEHM PLASTICS

FAST CAST – EPOXIES – ADHESIVES - POLYSULFIDES - URETHANES – POLYESTER PASTES – TOOLING BOARDS – RELEASE AGENTS – SILICONES

POLYESTER FILLER PASTE

(Fire Retardant)

BC 4558

Polyester

USES

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

WORKING PROPERTIES

Mix Ratio	100 to 2 by weight
Gel Time (@75°F)	6-10 minutes
Cure Schedule (@75°F)	30 minutes

PHYSICAL PROPERTIES

Specific Gravity (gms/cc)	0.90
Viscosity (Brookfield) @ 75°F	Thixotropic Paste
Tensile Strength (psi)	1,220
Flexural Strength (psi)	2,480
Compressive Strength	4,900
Heat Distortion (°F)	118
Hardness (Shore D) Ultimate	72
Flame Test HLT-15	100
Flame Test F.A.R. 25.853	Passes

SHELF LIFE

6 months in tightly closed container when stored below 80°F.

NOTE: This information contained herein is believed to be reliable. All recommendations are made without guarantee inasmuch as conditions and methods of commercial use are beyond our control. Properties given are typical values and are not intended for use in preparing specifications.

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