



**BCC PRODUCTS, INC.**

**BLEHM PLASTICS**

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

## HI HEAT FILLER

**BC 4570**

Polyester

### USES

**BC 4570** is a multi-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 (220° C)
- Excellent repair for aircraft/aerospace use
- Honeycomb core and foam core composite sealant
- Repairs to SMC and FRP parts

### WORKING PROPERTIES

Mix Ratio (Resin/Hardener)	100 to 2 by weight
Gel Time (@75° F)	6 to 8 minutes
Cure Schedule (@ 75° F)	15-20 minutes

### PHYSICAL PROPERTIES

Specific Gravity (gms/cc)	1.68
Viscosity (Brookfield) @ 75° F	Thixotropic Paste
Hardness (Shore D) Ultimate	85-90
Heat Distortion Temperature	260° F (127° C)
Color	Grey
Vertical Sag Resistance (Mixed)	<1 inch
Boeing Test (XBMS 5-136)	

### 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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