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## TECHNICAL DATA

### CBF - 100

**CBF - 100** is a one component **C**onductive **B**ody **F**iller that can be rapidly cured and ground to a smooth finish. **CBF - 100** can be used as a seam filler on metal or as a repair over silicon bronze wire braze. When finished properly the conductive qualities allow this material to “COAT” through the electro deposition or “E-COAT” systems and will also be compatible with “TOP COAT” paint systems.

#### PHYSICAL PROPERTIES

Color .....	Black
Density .....	11.9 lbs per gal
Viscosity .....	Press Flow, 65 psi, .014” Orifice, 125 sec., 20 gram mass.
Shelf Life .....	Store below 77° F and use within 6 months of purchase. To increase shelf life, store in refrigerator or freezer. Material stored below 25° F was within specifications after one year.

#### CURE SCHEDULE

2” dia. x ¼” thick in a conventional oven.

Temperature	200° – F	250° – F	325° – F
Cure Time	30 min	15 min	3 min

Induction and Infrared heat can be more efficient resulting in faster cures.

#### CURED PROPERTIES

Weight .....	.0260 lbs per cubic inch
Hardness .....	Shore – D 80 - 82
Sandability .....	Excellent
Lap Shear .....	850 - 900 psi
Impact .....	52 in lb
Shrink.....	.002 in per in
Coefficient of Linear Thermal Expansion.....	.000475” / ft / °F (71.3 / m / m °C)
Conductivity “S” .....	.0003501 mhos / cm

This information is presented in good faith to assist the user in determining whether this product is suitable for their application. The user is expected to perform adequate verification and testing to satisfy themselves that this product suits their needs. No warranty or representation, however, is intended or made, nor is protection from any law or patent to be inferred, and all patent rights are reserved. Work in well ventilated areas. Avoid contact with skin and eyes.