



HIGH TEMPERATURE EPOXY STRUCTURAL ADHESIVE E-108

E-108 is a high performance aluminum filled single component adhesive which provides exceptional shear strength at elevated temperatures as well as good long term strength at high temperature. Due to the aluminum filler the minimum bondline gap is approximately .002” to .003”.

PROPERTIES

appearance.....	grey viscous paste
specific gravity.....	1.6
viscosity.....	thixotropic
lap shear aluminum to aluminum, cured 2 hours at 125°C, and 3 hours at 210°C tested at RT.....	1,700 psi
tested at 200°C.....	2,100 psi
tested at 250°C.....	1,500 psi
tested at 300°C.....	1,000 psi
maximum continuous use temperature.....	250°C
maximum short time use temperature.....	300°C

CURE CONDITIONS

Cure according to the following cure schedule:

1hr 125°C
+ 3hr 210°C

All times are for time at the specified temperature as measured at the bondline. Time must be allowed for the bondline to reach temperature.

STORAGE

Refrigerated storage is desirable. Shelf life is at least 6 months at 0°C, 1 month at room temperature (18°C)

HANDLING

All contact with skin or ingestion should be avoided in accordance with normal handling procedures with epoxy resins. No warranty or guarantee is made regarding this material. The user should determine suitability for a given application. For more information see MSDS.

PRICING

2 oz. \$50.00 ea., 1 lb \$250.00 ea.