

GENERAL DESCRIPTION

Alfa AL 408 is a clear Epoxy system based on a blending of new and old technologies has unusually, low viscosity, and high temperature resistance.

AL 408 two-part, electrical insulator, solvent free, 100% solids epoxy adhesive changes colors during the curing process to indicate cure status.

ADVANTAGES OF AL408:

- *Color-Keyed cure
- *Useful in applications up to 300 °f continuous use and to 400°f intermittently.
- * Exhibits excellent wicking properties
- *Develops strong tough, mechanically stable bonds to a wide variety of fiber optic and optical materials that includes most metals, ceramics, glass, and rigid plastics.
- * Good impact and thermal shock resistance, demonstrates low stress, and yields excellent pot-and-polish connections.
- *Excellent resistant to solvents, oils, gasoline, water, salt solutions, vapors, gases and most of industrial chemicals including acids and alkalis.

AVAILABILITY and PACKAGING

ALFA AL408 is available for immediate delivery From stock in:

*Highly flexible transparent two compartment plastic pouch, each section is filled with premeasured component. Pouches are supplied in 2,5,10 & 20 gram sizes.

*Premeasured, pint, Quart, gallon and Five gallon Kits

PRICE ON REQUEST

SPECIFICATIONS

Number of components:.....2
Mixing Ratio, Resin/Hardener.....100/12
Maximum recommended mixed quantity.....25 grams

Open time.....3 hours @ room temperature

Cure Schedule:

15 minutes @ 100 °C
1 minute @ 150 °C

Physical properties

Color (unmixed).....Clear
Color (mixed)Green
Color (cured) Red
Specific gravity..... 1.18
Reactive solids content, % 100
Viscosity (after mixing) cps @ 25°C..... 1890
Hardness, Shore D..... 84
Impact, Izod, ft-lb/ inch pf notch 0.60
Tensile shear, alum to alum., psi.....1900
Reactive solids content, %100

Optical properties:

Index of refraction, nD1.55

Electrical properties:

Operating temperature range, °C.....-60-180
Dielectric strengths, Volts/mil 370

STORAGE AND HANDLING

Shelf Life

At least One (1) year from the date of manufacture when stored in the original package at ambient temperature. Keep container closed when not in use.

Store away from excessive heat and humidity

DO NOT REFRIGERATE.

Refer to Material Safety Data Sheet (MSDS) for handling precautions.

THIS PRODUCT IS SOLD FOR INDUSTRIAL USE ONLY, KEEP OUT OF REACH OF CHILDREN

Read and understand MSDS before use. Liquid uncured epoxy material may cause skin sensitization or other allergic responses, prevent all contact with skin or eyes. If contact occurs, flush immediately with plenty of water, get immediate medical attention.