10-3713
ULTRA CLEAR AND ULTRA STRONG EPOXY ADHESIVE

DESCRIPTION:
10-3713 is used as a two component *ultra clear* epoxy adhesive designed for a variety of bonding applications. 10-3713 forms a crystal clear bond line and is formulated with proprietary ultraviolet protectors to minimize yellowing of the cured epoxy. This adhesive when UV aged in a QUV Weatherometer outperforms other commercially available adhesives. Any excess adhesive or visible bond lines are less noticeable due to the adhesives outstanding clarity.

10-3713 is low in viscosity and therefore offers maximum wetting and penetration of substrates. Tenacious bonds are formed at room temperature or with mild heat. 10-3713 should be used anywhere a clear, strong bond is required.

FEATURES:
- Gap filling
- UV protected
- Water clear
- Outstanding adhesion
- Low viscosity
- Bonds to most substrates

TYPICAL SPECIFICATIONS:
Mix ratio, by weight (Resin:Catalyst) 2:1
Mixed viscosity, 25°C, cps 650
Pot life, 25°C, minutes 45
Specific gravity, 25°C 1.11
Hardness, Shore D 80
Tensile strength, psi 9,400
Operating temperature range, °C 50 to +150
Thermal conductivity, W/m·°K 0.42
Thermal expansion coefficient per °C 50x10^-6
Dielectric strength, V/mil 560
Volume resistivity, ohm-cm 5.0x10^15
INSTRUCTIONS FOR USE:

A. By weight, thoroughly mix 100 parts 10-3713R Epoxy Resin to 50 parts 10-3713C Hardener.

B. Apply and cure according to one of the following schedules:

1. 25 °C (77 °F)  24 Hours
2. 30 °C (86 °F)  3 ½ Hours
3. 35 °C (95 °F)  1 ½ Hours
4. 45 °C (113 °F)  20 Minutes
5. 55 °C (131 °F)  7 Minutes

IMPORTANT:

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