



Manufacturer: ÅngströmBond
Product Name: ÅngströmBond AB9119 Heat Cure Epoxy (2.5G)
Manufacturer Part Number: AB9119-2.5G

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Advanced Polymers for High Tech Applications

ÅNGSTRÖMBOND® AB9119
Low Toxicity, Heat Cure Epoxy for Fiber Optic Applications

Description:

ÅNGSTRÖMBOND® AB9119 is a heat cure adhesive. This low viscosity system has a long working time, short cure cycle and changes from light yellow when mixed to red-amber when fully cured.

ÅNGSTRÖMBOND® AB9119 develops strong bonds to glass, plastics, metals, and ceramics allowing it to be used in critical optic applications where high strength and long-term dependability are crucial.

Typical Physical Properties:

Table with 2 columns: Property and Value. Includes Color (Amber/Dark Red), Specific Gravity (1.16), Viscosity (1800 cps), Service Temperature Range (-65 to 175 °C), Glass Transition (105 °C), Hardness (86 Shore D), Mix Ratio (100/10), Dielectric Strength (> 400), Solids Content (100%), and Lap Shear Strength (1880 psi).

Handling Characteristics:

Table with 2 columns: Characteristic and Value. Includes Working Life (2 Hours) and Minimum Cure Schedule at 100°C (15 Minutes), 120°C (10 Minutes), and 150°C (5 Minutes).

Application Directions:

Bi-pack Packages: Safely remove the divider clip from the package. Knead the package (multiple passes over the edge of a table works well) until a uniform color is achieved and the material is thoroughly mixed.

Storage:

Two component epoxy resin systems should be stored at room temperature, between 65°F and 85°F. Refrigeration is not recommended. Most two-component epoxy resin systems are naturally susceptible to crystallization, especially when stored at temperatures below the recommended storage temperatures.

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Contact the professionals at Fiber Optic Center for a quote or to get more details.

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Product specifications and data are subject to change without notice.