



The only adhesive line developed exclusively for fiber optics

PFP 9001 MT
Mil Spec Approved Fiber Optic Energy

Description:

PFP 9112 is a blue, room temperature curing, optical connector adhesive with a long working life. It has been tested and qualified to MIL-A-24792A for fiber optic terminations. This low viscosity epoxy is an excellent choice for potting and sealing applications where good impact, moisture and chemical resistance are desired

PFP 9112 is designed to bond glass to metal, ceramic or plastic and will yield a very high Glass Transition temperature when heat cured thus minimizing pistoning during temperature cycling. This system produces very low stress making it an excellent choice for use in single and multimode connectors.

Handling Characteristics:

Table with 2 columns: Handling characteristic and value. Includes Working Life (40 Minutes) and Minimum Cure Schedule by DSC at 25°C (18 Hours), 65°C (60 Minutes), and 90°C (15 Minutes).

Typical Physical Properties:

Table with 2 columns: Property and value. Includes Color Mixed (dark blue), Specific Gravity (1.2), Mixed Viscosity (2000 cps @ 25°C, < 3000 after 40 min @ 25°C), Service Temperature Range (-60 to 110 °C), Glass Transition (107 °C), Hardness (82 Shore D), Linear shrinkage (0.15%), Mix Ratio (100/30), Lap Shear Strength (3700 psi), Moisture absorption (0.1%), and Impact (0.8 ft lbs/inch).

Application Directions:

Safely remove divider from package. Knead package vigorously until uniform color is achieved and material is thoroughly mixed. Cut open end of package and dispense.