



Advanced Polymers for High Tech Applications

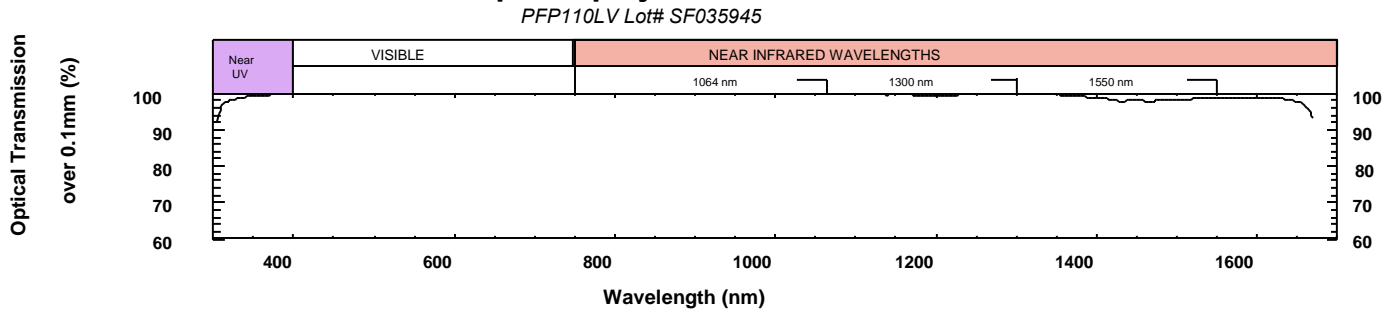
PFP 9110LV
Versatile Two-Component Epoxy Adhesive

Description:

PFP 9110LV is a crystal clear, low viscosity epoxy recommended for industrial adhesive, small potting and laminating applications where structural, mechanical and electrical properties are required.

This two-part adhesive exhibits good wetting, cures at room temperature and develops strong, low shrinkage bonds to most materials including optical fibers, glass ceramics, most metals and many rigid plastics

Optical Absorption vs. Wavelength
PFP Optical Epoxy



Physical Properties:

Table with 2 columns: Property and Value. Includes Color (Clear or Blue), Mixed Viscosity (500 cps), Specific Gravity (1.15), Glass Transition (83°C), Tensile Strength (7,200 psi), Hardness (Shore D: 79), Dielectric Strength (> 400 Volts/Mil), Coefficient of Thermal Expansions (54 x 10^-6 cm/cm), Operating Temperature Range (-270 to 125 °C), and Index of Refraction (1.564).

Handling Characteristics:

Table with 2 columns: Characteristic and Value. Includes Mix-Ratio by Weight (Resin/Hardener: 100/30), Working time (1 Hour), and Cure Schedule (25°C: 18 Hours, 65°C: 1 Hr, 90°C: 15 minutes).

note: when exceptionally low shrinkage is required, a cure of 35 to 40°C is recommended for 4-6 hours

Application Directions:

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