



Customized Adhesive Solutions

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NGAC P907-04

Technical Bulletin

High Glass Transition Temperature Fiber Optic Adhesive

Description:

NGAC P907-04 is a low viscosity and room temperature curing adhesive specifically formulated for fiber optic terminations.

Advantages and Applications:

Uses include the termination of single-mode and multi-mode fiber optic connectors, as well as, bonding prisms and lenses. NGAC P907-04 is a low viscosity mixture that ensures exceptional wicking and wetting of the fibers, along with superior adhesion strength to glass and other low surface energy substrates. NGAC P907-04 is blue after cure which will facilitate the polishing process.

NGAC P907-04 with the ability to cure completely at room temperature is used extensively in field termination kits.

Properties:

	Resin	Hardener	Typical Value
Color	Clear	Dark Blue	Mixed Dark Blue
Viscosity (Initial)			1,800 cps
Specific Gravity			1.10
Refractive Index			1.52
Mix Ratio by Weight (R/H)			100/30
Hardness Shore D			83
Operating Temperature:			-60 to +120°C
Glass Transition (Tg), Ultimate			95°C
Percent Solids			100%
Pot Life			30-35 minutes

Cure Schedule:

Temperature	25°C	OR	65°C	OR	90C
Time	24h		1h		15 Min

For additional information or assistance, please call
978-436-9600

All values reported above are typical values and are for reference use only. These values are not intended for use in developing specifications. Application testing under specific conditions should be performed to determine actual results and fitness for use.