



Customized Adhesive Solutions

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NGAC P907-100

Technical Bulletin

Low Stress Adhesive for Fiber Optic Adhesive

Description:

NGAC P907-100 is a low viscosity and low stress heat curing adhesive specifically formulated for fiber optic applications.

Advantages and Applications:

Uses include the termination of single-mode and multi-mode fiber optic connectors, as well as, bonding prisms and lenses. NGAC P907-100 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.

Properties:

	Typical Value
Color	Clear
Viscosity, Initial	800 cps
Specific Gravity	1.10
Mix Ratio by Weight (R/H)	100/23
Hardness Shore D	85
Index of Refraction	1.5
Operating Temperature:	-60 to +155°C
Working Time	90-120 min
Glass Transition (Tg), Ultimate	115C
Percent Solids	100%
NASA Outgassing	PASSES

Cure Schedule:

Temperature	80°C	OR	100°C
Time	30-60min		10-30min

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.