

## NextGen Adhesives P907-12 Fiber Optic Adhesive

Category : Polymer , Adhesive

**Material Notes:**

Description: NGAC P907-12 is a rapid curing, low viscosity, heat cured epoxy adhesive system that is specifically formulated for use in the fiber optic industry. Advantages and Applications: Uses include bonding fiber optic bundles, potting glass fiber bundles and termination of single mode and multimode fiber optic connectors. NGAC P907-12 is a low viscosity mixture that ensures exceptional wicking and wetting of the fibers, along with superior adhesion strength. Additionally, it provides excellent thermal and moisture resistance. Information Provided by Nextgen Adhesives

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NextGen-Adhesives-P907-12-Fiber-Optic-Adhesive.php](http://www.lookpolymers.com/polymer_NextGen-Adhesives-P907-12-Fiber-Optic-Adhesive.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	
Solids Content	100 %	100 %	
Viscosity	2000 cP	2000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	>= 85	>= 85	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	175 °C	347 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	
Glass Transition Temp, Tg	115 °C	239 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.56	1.56	

Processing Properties	Metric	English	Comments
Cure Time	1.00 min	0.0167 hour	
	@Temperature 150 °C	@Temperature 302 °F	
	5.00 min	0.0833 hour	
	@Temperature 125 °C	@Temperature 257 °F	
	15.0 min	0.250 hour	
	@Temperature 100 °C	@Temperature 212 °F	

Processing Properties	Metric	English	Comments
Descriptive Properties			
Color		Reddish Brown	
Mix Ratio by Weight (R/H)		100/10	

## Contact Songhan Plastic Technology Co.,Ltd.

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