

NextGen Adhesives P907-01 Fiber Optic Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

Material Notes:

Description: NGAC P907-01 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 P907-01 is a low viscosity mixture that ensures exceptional wicking and wetting of the fibers, along with superior adhesion strength. Information Provided by Nextgen Adhesives

Order this product through the following link:

http://www.lookpolymers.com/polymer_NextGen-Adhesives-P907-01-Fiber-Optic-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	
Solids Content	100 %	100 %	
Viscosity	4000 cP	4000 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	120 °C	248 °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	
	2.00 min	0.0333 hour	
	@Temperature 120 °C	@Temperature 248 °F	
	5.00 min	0.0833 hour	
	@Temperature 100 °C	@Temperature 212 °F	
Pot Life	240 min	240 min	

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

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