

NextGen Adhesives P907-04 Fiber Optic Adhesive

Category : Polymer , Adhesive

Material Notes:

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 singlemode and multimode 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. Information Provided by Nextgen Adhesives

Order this product through the following link:

http://www.lookpolymers.com/polymer_NextGen-Adhesives-P907-04-Fiber-Optic-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	
Solids Content	100 %	100 %	
Viscosity	1800 cP	1800 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	83	83	

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	95.0 °C	203 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.52	1.52	

Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	
	@Temperature 95.0 °C	@Temperature 203 °F	
	60.0 min	1.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
	1080 min	18.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Color		Dark Blue	
Mix Ratio by Weight (R/H)		100/30	

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