

NextGen Adhesives P907-10 Optical Assembly Adhesive

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

Material Notes:

Description: NGAC P907-10 is a low viscosity and optically clear adhesive system that is specifically formulated for bonding and potting applications involving optical components and assemblies. Advantages and Applications: Uses include laminating, bonding and sealing applications requiring superior wetting, high impact strength and optically clear properties. The NGAC P907-10 is easily mixed and cured at room temperature and provides excellent adhesion to glass/glass fibers, ceramics, metals and plastic. Information Provided by Nextgen Adhesives

Order this product through the following link:

http://www.lookpolymers.com/polymer_NextGen-Adhesives-P907-10-Optical-Assembly-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	
Solids Content	100 %	100 %	
Viscosity	200 cP	200 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.55	1.55	

Processing Properties	Metric	English	Comments
Cure Time	120 - 240 min	2.00 - 4.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
Pot Life	1440 min	24.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Descriptive Properties	Value	Comments
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Color Descriptive Properties	Clear Value	Comments
Mix Ratio by Weight (R/H)	100/30	

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