

NextGen Adhesives G907-25 Optical Epoxy Adhesive

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

Material Notes:

Description: NGAC G907-25 is a low viscosity and clear adhesive system that is specifically formulated for optical and laser

applications. Advantages and Applications: The NGAC G907-25 provides high mechanical strength and superior chemical resistance.

Additionally, it cures with minimal shrinkage at room temperature. The NGAC G907-25 is easily mixed and cured at room temperature and provides excellent adhesion to glass, ceramic, metal and plastic. Information Provided by Nextgen Adhesives

Order this product through the following link:

http://www.lookpolymers.com/polymer_NextGen-Adhesives-G907-25-Optical-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	
Viscosity	200 cP	200 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	
Shear Strength	27.6 MPa	4000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	110 °C	230 °F	
Minimum Service Temperature, Air	-65.0 °C	-85.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 - 120 min	1.00 - 2.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
Pot Life	1440 min	24.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	120 min	120 min	

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

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