

NextGen Adhesives G907-05 Epoxy Adhesive

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

Material Notes:

Description: NGAC G907-05 is a rapid curing, thixotropic, room temperature curable epoxy adhesive system designed for structural bonding applications where quick green strength and fast curing is required. Advantages and Applications: Uses include a broad range of structural applications. NGAC G907-05 is a thixotropic system that bonds extremely well to a wide range of substrates providing strong and durable bonds. Information Provided by Nextgen Adhesives

Order this product through the following link:
http://www.lookpolymers.com/polymer_NextGen-Adhesives-G907-05-Epoxy-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	72	72	
Shear Strength	1.38 MPa	200 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	
Glass Transition Temp, Tg	25.0 °C	77.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
	1440 min	24.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	5.0 min	5.0 min	

Descriptive Properties	Value	Comments
Color	Light Yellow	
Mix Ratio by Weight (R/H)		

Descriptive Properties	110/93 Value	Comments
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