

NextGen Adhesives P907-30 Optical Assembly Adhesive

Category : Polymer , Adhesive

Material Notes:

Description: NGAC P907-30 is a high viscosity, controlled flow encapsulant designed for microelectronics applications requiring low shrinkage and high reliability performance. Advantages and Applications: Uses include protecting wire bonds and bare die and other micro-electronic structural assembly applications. NGAC P907-30 has a low CTE resulting in low shrinkage upon cure and no stress to substrates. It is highly resistant to humidity and will withstand reflow temperatures up to 260C. Information Provided by Nextgen Adhesives

Order this product through the following link:

http://www.lookpolymers.com/polymer_NextGen-Adhesives-P907-30-Optical-Assembly-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 g/cc	1.80 g/cc	
Solids Content	100 %	100 %	
Viscosity	300000 cP	300000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	95	95	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

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	
	300 min	5.00 hour	
	@Temperature 100 °C	@Temperature 212 °F	
Pot Life	1440 min	1440 min	

Descriptive Properties	Value	Comments
Color	Black	
Mix Ratio by Weight (R/H)	1/1/2009	

Descriptive Properties	Value	Comments
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