

Henkel Hysol EA 9321 Paste Adhesive System

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

Material Notes:

Thixotropic adhesive that yields tough, durable bonds over a wide temperature range. Applications: Potting Structural Repair

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-EA-9321-Paste-Adhesive-System.php

Physical Properties	Metric	English	Comments
Storage Temperature	4.00 Â°C	39.2 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength	49.0 MPa	7110 psi	
Elongation at Break	6.0 %	6.0 %	
Tensile Modulus	2.90 GPa	421 ksi	
Compressive Strength	62.1 MPa	9010 psi	
Compressive Modulus	1.96 GPa	284 ksi	
Adhesive Bond Strength	11.7 MPa	1700 psi	Tensile Lap Shear
	@Temperature 93.0 Â°C	@Temperature 199 Â°F	
	20.7 MPa	3000 psi	Tensile Lap Shear
	@Temperature -55.0 Â°C	@Temperature -67.0 Â°F	
	27.6 MPa	4000 psi	Tensile Lap Shear
	@Temperature 25.0 Â°C	@Temperature 77.0 Â°F	
Peel Strength	1.00 kN/m	5.71 pli	Bell Peel

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 Â°C	250 Â°F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 82.0 Â°C	@Temperature 180 Â°F	
	7200 - 10100 min		

Processing Properties	Metric	English	Comments
	@Temperature 25.0 ÅC	120 - 168 hour @Temperature 77.0 Å°F	
Pot Life	40 min	40 min	

Descriptive Properties	Value	Comments
Consistency	Thixotropic	
Form	2 parts	
Mix Ratio, Part A:Part B	100:50	
Peel Strength	Low	

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