

Henkel Hysol EA 9394 Paste Adhesive System

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

Material Notes:

Thixotropic adhesive with structural properties to 350°F / 177°C. Applications: Potting Structural Repair Composite Bonding Liquid Shim

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-EA-9394-Paste-Adhesive-System.php

Physical Properties	Metric	English	Comments
Storage Temperature	25.0 °C	77.0 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength	46.0 MPa	6670 psi	
Elongation at Break	1.7 %	1.7 %	
Tensile Modulus	4.25 GPa	616 ksi	
Compressive Strength	158.6 MPa	23000 psi	
Adhesive Bond Strength	20.0 MPa	2900 psi	Tensile Lap Shear
	@Temperature 93.0 °C	@Temperature 199 °F	
	22.8 MPa	3310 psi	Tensile Lap Shear
	@Temperature -55.0 °C	@Temperature -67.0 °F	
	29.0 MPa	4210 psi	Tensile Lap Shear
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Peel Strength	3.60 kN/m	20.5 pli	Bell Peel

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 °C	351 °F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 66.0 °C	@Temperature 151 °F	
	7200 - 10100 min	120 - 168 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	100 min	100 min	

Descriptive Properties	Value	Comments
Consistency	Thixotropic	
Form	2 parts	
Mix Ratio, Part A:Part B	100:17	
Peel Strength	Low	

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