

Henkel Hysol EA 9323 Paste Adhesive System

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

Material Notes:

Viscous, but pourable, liquid adhesive that yields tough, durable adhesive bonds over a wide temperature range. Application: Structural Repair

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-EA-9323-Paste-Adhesive-System.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	24.1 MPa	3500 psi	
Elongation at Break	9.0 %	9.0 %	
Tensile Modulus	2.60 GPa	377 ksi	
Compressive Strength	73.8 MPa	10700 psi	
Compressive Modulus	1.77 GPa	257 ksi	
Adhesive Bond Strength	7.60 MPa	1100 psi	Tensile Lap Shear
	@Temperature 93.0 °C	@Temperature 199 °F	
	19.3 MPa	2800 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	0.800 kN/m	4.56 pli	Bell Peel

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

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 82.0 °C	@Temperature 180 °F	
	7200 - 10100 min	120 - 168 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Consistency		Low Viscosity	
Form		2 parts	
Mix Ratio, Part A:Part B		100:45	
Peel Strength		Low	

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