

Henkel Hysol EA 9313 Paste Adhesive System

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

Material Notes:

Very low viscosity adhesive yielding tough, flexible bonds. Injectable.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-EA-9313-Paste-Adhesive-System.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	43.5 MPa	6310 psi	
Elongation at Break	8.0 %	8.0 %	
Tensile Modulus	2.28 GPa	331 ksi	
Compressive Strength	62.1 MPa	9010 psi	
Compressive Modulus	1.80 GPa	261 ksi	
Adhesive Bond Strength	3.50 MPa	508 psi	Tensile Lap Shear
	@Temperature 93.0 °C	@Temperature 199 °F	
	29.0 MPa	4210 psi	Tensile Lap Shear
	@Temperature -55.0 °C	@Temperature -67.0 °F	
	31.0 MPa	4500 psi	Tensile Lap Shear
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Peel Strength	9.00 kN/m	51.4 pli	Bell Peel

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	49.0 °C	120 °F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 82.0 °C	@Temperature 180 °F	
Pot Life	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		100:25	
Peel Strength		High	

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