

Henkel Hysol EA 9380 Paste Adhesive System

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

Material Notes:

Cures at low temperature. Offers strength, toughness and high temperature resistance of heat-curing film adhesives, with greater flexibility and ease of use. Can be applied to large parts with controlled meter mix operation. Applications: Structural Repair Composite Bonding
Liquid Shim

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-EA-9380-Paste-Adhesive-System.php

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

Mechanical Properties	Metric	English	Comments
Compressive Strength	78.0 MPa	11300 psi	
Compressive Modulus	2.95 GPa	428 ksi	
Adhesive Bond Strength	>= 24.1 MPa	>= 3500 psi	Tensile Lap Shear
	@Temperature 93.0 °C	@Temperature 199 °F	
	32.0 MPa	4640 psi	Tensile Lap Shear
	@Temperature -55.0 °C	@Temperature -67.0 °F	
	37.0 MPa	5370 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	121 °C	250 °F	

Processing Properties	Metric	English	Comments
Cure Time	240 min	4.00 hour	
	@Temperature 70.0 °C	@Temperature 158 °F	
Pot Life	180 min	180 min	

Descriptive Properties	Value	Comments
Consistency	Thixotropic	
Form	2 parts	

Descriptive Properties	Value	Comments
Mix Ratio, Part A, Part B	100:55	
Peel Strength	High	

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