

## Henkel Hysol EA 9396 Paste Adhesive System

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

### Material Notes:

Two-part, low viscosity, unfilled version of Hysol EA 9394. Qualified to BMS 8-301. Applications: Structural Repair Low Viscosity Wet Lay-Up Composite Bonding

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Henkel-Hysol-EA-9396-Paste-Adhesive-System.php](http://www.lookpolymers.com/polymer_Henkel-Hysol-EA-9396-Paste-Adhesive-System.php)

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	55.2 MPa	8010 psi	
Elongation at Break	3.4 %	3.4 %	
Tensile Modulus	2.75 GPa	399 ksi	
Compressive Strength	482.8 MPa	70020 psi	Longitudinal compressive strength as a wet lay-up resin with T-300-W133 fiber.
Compressive Modulus	55.15 GPa	7999 ksi	Longitudinal compressive strength as a wet lay-up resin with T-300-W133 fiber.
Adhesive Bond Strength	22.1 MPa	3210 psi	Tensile Lap Shear
	@Temperature 93.0 °C	@Temperature 199 °F	
	22.8 MPa	3310 psi	
	@Temperature -55.0 °C	@Temperature -67.0 °F	Tensile Lap Shear
	24.1 MPa	3500 psi	Tensile Lap Shear
	@Temperature 25.0 °C	@Temperature 77.0 °F	
	Peel Strength	4.40 kN/m	25.1 pli

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	

Processing Properties	7200 - 10100 min Metric	120 - 168 hour English	Comments
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	75 min	75 min	

Descriptive Properties	Value	Comments
Consistency	Low Viscosity	
Form	2 parts	
Mix Ratio, Part A:Part B	100:30	
Peel Strength	Moderate	

## Contact Songhan Plastic Technology Co.,Ltd.

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