

Henkel Hysol EA 9681 Film Adhesive

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

Material Notes:

Epoxy film adhesive for bonding applications. Hysol EA9681 is formulated to provide excellent performance properties for many bonding applications, and has excellent results on composite surfaces that have been exposed to bond shop environments and may have absorbed moisture. Hysol EA9681 was designed to be cured outside the autoclave with vacuum only at 250°F / 120°C. Applications: Composite Bonding Metal and Honeycomb Bonding

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-EA-9681-Film-Adhesive.php

Physical Properties	Metric	English	Comments
Storage Temperature	-18.0 °C	-0.400 °F	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	19.7 MPa	2860 psi	Lap Shear
	@Temperature 121 °C	@Temperature 250 °F	
	20.0 MPa	2900 psi	Lap Shear
	@Temperature 25.0 °C	@Temperature 77.0 °F	
	21.0 MPa	3050 psi	Lap Shear
	@Temperature -55.0 °C	@Temperature -67.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	
Glass Transition Temp, Tg	115 °C	239 °F	wet
	135 °C	275 °F	dry

Processing Properties	Metric	English	Comments
Cure Time	90.0 min	1.50 hour	
	@Temperature 121 °C	@Temperature 250 °F	

Descriptive Properties	Value	Comments
Out-Time (days)	30	at 25°C

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