

Henkel Hysol EA 9686 Film Adhesive

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

Material Notes:

Second generation, moisture resistant, toughened 250°F / 121°C curing film with service performance to 300°F / 149°C. Excellent for composite or metal bonding. Data from .060 psf, 300 g / m². Applications: Composite Bonding Metal and Honeycomb Bonding Composite Surfacing

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-EA-9686-Film-Adhesive.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	6.90 MPa	1000 psi	Flatwise
Adhesive Bond Strength	6.90 MPa	1000 psi	Lap Shear
	@Temperature 149 °C	@Temperature 300 °F	
	40.0 MPa	5800 psi	Lap Shear
	@Temperature -55.0 °C	@Temperature -67.0 °F	
	40.0 MPa	5800 psi	Lap Shear
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °F	
Glass Transition Temp, Tg	133 °C	271 °F	dry

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 121 °C	@Temperature 250 °F	

Descriptive Properties	Value	Comments
Honeycomb Climbing Drum Peel, mN/m	76	at 25°C
Out-Time (days)	90	at 25°C

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