

Henkel Hysol EA 9696 Film Adhesive

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

Material Notes:

Second generation, moisture-resistant, toughened 250°F / 121°C service, modified epoxy film. Qualified to BMS 5-101 and BMS 5-129.

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-9696-Film-Adhesive.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	9.00 MPa	1310 psi	Flatwise
Adhesive Bond Strength	13.8 MPa	2000 psi	Lap Shear
	@Temperature 121 °C	@Temperature 250 °F	
	41.3 MPa	5990 psi	Lap Shear
	@Temperature 25.0 °C	@Temperature 77.0 °F	
	48.3 MPa	7010 psi	Lap Shear
	@Temperature -55.0 °C	@Temperature -67.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	

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	110	at 25°C
Out-Time (days)	60	at 25°C

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