

Henkel Hysol EA 9657 Film Adhesive

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

Material Notes:

High temperature, service film adhesive designed for high honeycomb peel in a reticulated sound suppression structure. Qualified to BMS 5-137. Data from .080 psf, 400 g / m2. Applications: Composite Bonding Metal and Honeycomb Bonding

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-EA-9657-Film-Adhesive.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	8.00 MPa	1160 psi	Flatwise
Adhesive Bond Strength	15.9 MPa	2310 psi	Lap Shear
	@Temperature 177 °C	@Temperature 351 °F	
	33.0 MPa	4790 psi	Lap Shear
	@Temperature -55.0 °C	@Temperature -67.0 °F	
	34.5 MPa	5000 psi	Lap Shear
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	
Glass Transition Temp, Tg	132 °C	270 °F	wet
	182 °C	360 °F	dry

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 177 °C	@Temperature 351 °F	

Descriptive Properties	Value	Comments
Honeycomb Climbing Drum Peel, mN/m	60	at 25°C
Out-Time (days)	15	at 25°C

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