

Henkel Hysol PL 696 Film Adhesive

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

Material Notes:

Epoxy-based structural film adhesive designed primarily for out-of-autoclave curing process applications requiring low cure temperatures as well as low curing pressures and is also available in lightning strike configurations. In addition, it improves surface quality of composite structures, while having the ability to bond a variety of similar and dissimilar materials. Applications: Composite Bonding Metal and Honeycomb Bonding Composite Surfacing

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-PL-696-Film-Adhesive.php

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

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	14.0 MPa	2030 psi	Lap Shear
	@Temperature 121 Â°C	@Temperature 250 Â°F	
	23.0 MPa	3340 psi	Lap Shear
	@Temperature -55.0 Â°C	@Temperature -67.0 Â°F	
	25.0 MPa	3630 psi	Lap Shear
	@Temperature 25.0 Â°C	@Temperature 77.0 Â°F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 Â°C	250 Â°F	
Glass Transition Temp, Tg	105 Â°C	221 Â°F	wet
	109 Â°C	228 Â°F	dry

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 93.0 Â°C	@Temperature 199 Â°F	
	60.0 min	1.00 hour	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	

Descriptive Properties	Value	Comments
Honeycomb Climbing Drum Peel, mN/m	154	at 25Å°C
Out-Time (days)	3	at 25Å°C

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China