

Henkel Hysol PL 795-1 Film Adhesive

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

Material Notes:

Tougher version of Hysol PL 795. Excellent flow characteristics. Excellent tack and handling characteristics. Improved elevated temperature performance. Can be used for both surfacing film and lightning strike applications. Applications: Composite Bonding Composite Surfacing

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-PL-795-1-Film-Adhesive.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	6.90 MPa	1000 psi	Flatwise
Adhesive Bond Strength	13.1 MPa	1900 psi	Lap Shear
	@Temperature 149 Â°C	@Temperature 300 Â°F	
	24.8 MPa	3600 psi	Lap Shear
	@Temperature -55.0 Â°C	@Temperature -67.0 Â°F	
	29.7 MPa	4310 psi	Lap Shear
	@Temperature 25.0 Â°C	@Temperature 77.0 Â°F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 Â°C	351 Â°F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 177 Â°C	@Temperature 351 Â°F	
	90.0 min	1.50 hour	
	@Temperature 121 Â°C	@Temperature 250 Â°F	

Descriptive Properties	Value	Comments
Out-Time (days)	100	at 25Â°C

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