

## Henkel Hysol PL 780-1 Film Adhesive

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

**Material Notes:**

Nonmetallic, toughened, modified epoxy film designed for bonding metal, composite and thermoplastic structures. High shear properties at 350°F / 177°C. Excellent hot-wet properties. High flow characteristics. Applications: Composite Bonding Metal & Honeycomb Bonding

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Henkel-Hysol-PL-780-1-Film-Adhesive.php](http://www.lookpolymers.com/polymer_Henkel-Hysol-PL-780-1-Film-Adhesive.php)

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	7.40 MPa	1070 psi	Flatwise
Adhesive Bond Strength	12.4 MPa	1800 psi	Lap Shear
	@Temperature 177 °C	@Temperature 351 °F	
	18.6 MPa	2700 psi	Lap Shear
	@Temperature -55.0 °C	@Temperature -67.0 °F	
	29.0 MPa	4210 psi	Lap Shear
	@Temperature 25.0 °C	@Temperature 77.0 °F	

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

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

Descriptive Properties	Value	Comments
Out-Time (days)	10	at 25°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