

Armstrong X-6/E Epoxy Adhesive

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

Material Notes:

Thixotropic. Information provided by Ellsworth Adhesives.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Armstrong-X-6E-Epoxy-Adhesive.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	89	89	
Tensile Strength, Ultimate	31.0 MPa	4500 psi	after optimum cure
Elongation at Break	2.7 %	2.7 %	
Adhesive Bond Strength	41.0 MPa	5950 psi	Steel-Steel; after optimum cure
	12.8 MPa @Temperature 25.0 °C	1850 psi @Temperature 77.0 °F	Aluminum-Aluminum tensile shear
	13.4 MPa @Temperature 82.2 °C	1950 psi @Temperature 180 °F	Aluminum-Aluminum tensile shear
	13.4 MPa @Temperature -54.4 °C	1950 psi @Temperature -66.0 °F	Aluminum-Aluminum tensile shear

Thermal Properties	Metric	English	Comments
CTE, linear	18.0 µm/m-°C @Temperature 20.0 °C	10.0 µin/in-°F @Temperature 68.0 °F	
Glass Transition Temp, Tg	92.0 °C	198 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	93.3 °C	200 °F	Optimum cure is 1 hr. @ 200°F
Pot Life	<= 4320 min @Temperature 25.0 °C	<= 4320 min @Temperature 77.0 °F	100 g

Descriptive Properties	Value	Comments
Color	Grey	
Mix Ratio	40/1	By Weight

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