

Armstrong A-10-T Epoxy Adhesive

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

Material Notes:

Clear, thixotropic, 5-minute cure general-purpose epoxy adhesive. Provides rapid high strength bonds to many substrates. Supplied in 1:1 ratio dispense kits for easy application. Information provided by Ellsworth Adhesives.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Armstrong-A-10-T-Epoxy-Adhesive.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	74	74	
Tensile Strength, Ultimate	38.6 MPa	5600 psi	after optimum cure
Elongation at Break	4.0 %	4.0 %	
Adhesive Bond Strength	32.8 MPa	4750 psi	Steel-Steel; after optimum cure
	13.4 MPa @Temperature -54.4 °C	1940 psi @Temperature -66.0 °F	Aluminum-Aluminum tensile shear
	14.5 MPa @Temperature 82.2 °C	2100 psi @Temperature 180 °F	Aluminum-Aluminum tensile shear
	25.2 MPa @Temperature 25.0 °C	3650 psi @Temperature 77.0 °F	Aluminum-Aluminum tensile shear

Thermal Properties	Metric	English	Comments
CTE, linear	72.0 µm/m-°C @Temperature 20.0 °C	40.0 µin/in-°F @Temperature 68.0 °F	
Glass Transition Temp, Tg	63.0 °C	145 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	22.2 °C	72.0 °F	
	73.9 °C	165 °F	Optimum cure is 20 min. @ 165°F
Pot Life	<= 5.00 min @Temperature 25.0 °C	<= 5.00 min @Temperature 77.0 °F	100 g

Descriptive Properties	Value	Comments
Color	Clear Straw	

Descriptive Properties

Value 00

Comments

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