

Ad-Tech Epoxy EA-602

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

EA-602 is a general purpose unfilled liquid epoxy adhesive specially formulated for bonding metals, ceramics, hard rubber, wood and thermosetting plastics. A long pot (working) life gives the user time to do large areas or positioning of many parts to be bonded. Typical Applications: Adhesive and sealant requiring a high strength bond - chemical resistant coating/encapsulate.

General Information			
Features	General Purpose		
	Good Adhesion		
Uses	Adhesives		
	Bonding		
	Repairing Material		
Appearance	Amber		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.04	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	31.0	MPa	ASTM D638
Flexural Strength	73.1	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	51.0	°C	ASTM D648
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Weight: 100		
Shelf Life (25°C)	100	wk	
Thermoset Mix Viscosity (25°C)	10000	cP	ASTM D2393
Post Cure Time (25°C)	12 to 16	hr	
Work Time (25°C)	2.5 to 3.0	hr	

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