

# Ad-Tech Epoxy EL-302

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

## Message:

Ad-Tech Epoxy EL-302 is an Epoxy; Epoxide (Epoxy) product. It can be processed by laminating and is available in North America. Applications of Ad-Tech Epoxy EL-302 include coating applications and tools.

Characteristics include:

Good Dimensional Stability

High Strength

Low Viscosity

General Information			
Features	Good Dimensional Stability		
	High Strength		
	Low Toxicity		
	Low Viscosity		
Uses	Laminates		
	Molds/Dies/Tools		
Appearance	White		
Forms	Pellets		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.35	g/cm <sup>3</sup>	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	24500	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	179	MPa	
Break	192	MPa	
Tensile Elongation (Yield)	1.2	%	ASTM D638
Flexural Modulus	11900	MPa	ASTM D790
Flexural Strength (Yield)	238	MPa	ASTM D790
Compressive Strength	80.9	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	75.6	°C	ASTM D648
CLTE - Flow	5.1E-5	cm/cm/°C	ASTM D696
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			

Hardener	Mix Ratio by Weight: 10		
Resin	Mix Ratio by Weight: 100		
Pot Life (25°C)	25 to 30	min	
Thermoset Mix Viscosity	3500	cP	ASTM D2393

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#### Recommended distributors for this material

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