

# Ad-Tech Epoxy EL-328-1

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

## Message:

Ad-Tech Epoxy EL-328-1 is an Epoxy; Epoxide (Epoxy) product. It can be processed by laminating and is available in North America. Applications of Ad-Tech Epoxy EL-328-1 include tools and coating applications.

General Information			
Features	Non-MDA Cured		
Uses	Laminates		
	Molds/Dies/Tools		
	Tooling		
Appearance	Black		
Forms	Pellets		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.06	g/cm <sup>3</sup>	ASTM D1895
Molding Shrinkage - Flow	0.41	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	13100	MPa	ASTM D638
Tensile Strength (Break)	160	MPa	ASTM D638
Tensile Elongation (Yield)	2.1	%	ASTM D638
Flexural Modulus	8960	MPa	ASTM D790
Compressive Strength	111	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	245	°C	ASTM D648
CLTE - Flow	5.1E-5	cm/cm/°C	ASTM D696
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Mix Ratio by Volume: 1.0			
Hardener	Mix Ratio by Weight: 23		

Mix Ratio by Weight: 100

Resin	Mix Ratio by Volume: 3.7		
Pot Life (25°C)	240 to 280	min	
Thermoset Mix Viscosity (25°C)	5000	cP	ASTM D2393
Demold Time			
25°C	1400	min	
66°C	60	min	
93°C	360	min	

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#### Recommended distributors for this material

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