

# Ad-Tech Epoxy EL-335

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

## Message:

Ad-Tech Epoxy EL-335 is an Epoxy; Epoxide (Epoxy) product. It can be processed by laminating and is available in North America. Typical application: Coating Applications.  
Characteristics include:  
High Hardness  
Impact Resistant  
Low Viscosity

General Information			
Features	Good Impact Resistance		
	High Hardness		
	Low Viscosity		
	Non-MDA Cured		
Uses	Laminates		
Appearance	Amber		
Forms	Pellets		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.14	g/cm <sup>3</sup>	ASTM D1895
Molding Shrinkage - Flow	0.10	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9860	MPa	ASTM D638
Tensile Strength (Yield)	241	MPa	ASTM D638
Tensile Elongation (Yield)	2.7	%	ASTM D638
Flexural Modulus	14000	MPa	ASTM D790
Flexural Strength (Yield)	338	MPa	ASTM D790
Compressive Strength	103	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	86.7	°C	ASTM D648
Glass Transition Temperature	119	°C	ASTM E1356
CLTE - Flow	6.1E-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: 20

Mix Ratio by Weight: 100

Resin

Mix Ratio by Volume: 4.1

Pot Life (25°C)	40 to 50	min	
Shelf Life	52	wk	
Thermoset Mix Viscosity (25°C)	1130	cP	ASTM D2393
Demold Time (25°C)	4300	min	

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#### Recommended distributors for this material

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