

Ad-Tech Epoxy EL-316

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy EL-316 is an Epoxy; Epoxide (Epoxy) product. It can be processed by laminating and is available in North America. Applications of Ad-Tech Epoxy EL-316 include tools, coating applications and engineering/industrial parts.

Characteristics include:

Good Dimensional Stability

High Strength

Low Viscosity

General Information			
Features	Good Dimensional Stability		
	High Strength		
	Low Viscosity		
Uses	Bushings		
	Laminates		
	Molds/Dies/Tools		
	Tooling		
Appearance	White		
Forms	Pellets		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.40	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	13600	MPa	ASTM D638
Tensile Strength (Break)	215	MPa	ASTM D638
Flexural Modulus	9790	MPa	ASTM D790
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Mix Ratio by Volume: 1.0			
Hardener	Mix Ratio by Weight: 25		

Mix Ratio by Weight: 100

Resin	Mix Ratio by Volume: 2.6		
Pot Life (25°C)	140	min	
Thermoset Mix Viscosity (25°C)	3200	cP	ASTM D2393
Demold Time (25°C)	7200	min	

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