

Ad-Tech Epoxy EL-328

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy EL-328 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 include tools and coating applications.

Characteristics include:

Good Dimensional Stability

Heat Resistant

General Information			
Features	Good Dimensional Stability		
	Good Thermal Stability		
	Machinable		
	Non-MDA Cured		
Uses	Laminates		
	Molds/Dies/Tools		
	Tooling		
Appearance	Black		
Forms	Pellets		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.05	g/cm ³	ASTM D1895
Molding Shrinkage - Flow	0.15	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	89		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	14500	MPa	ASTM D638
Tensile Strength (Break)	217	MPa	ASTM D638
Tensile Elongation (Yield)	1.2	%	ASTM D638
Flexural Modulus	11900	MPa	ASTM D790
Compressive Strength	95.3	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	243	°C	ASTM D648
Glass Transition Temperature	162	°C	ASTM E1356
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: 28

Mix Ratio by Weight: 100

Resin

Mix Ratio by Volume: 3.6

Pot Life (25°C)	70 to 90	min	
Thermoset Mix Viscosity (25°C)	5000	cP	ASTM D2393

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

