

Ad-Tech Epoxy EL-322

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy EL-322 is an Epoxy; Epoxide (Epoxy) product. It can be processed by laminating and is available in North America. Typical application: Coating Applications. Primary characteristic: low viscosity.

General Information			
Features	Low Viscosity		
	Non-MDA Cured		
Uses	Laminates		
Forms	Pellets		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.14	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	52.4	MPa	ASTM D638
Flexural Strength (Yield)	310	MPa	ASTM D790
Compressive Strength	169	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	149	°C	ASTM D648
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: 3.8		
Pot Life (25°C)	70 to 80	min	
Shelf Life (23°C)	100	wk	
Thermoset Mix Viscosity (25°C)	1630	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

