

Ad-Tech Epoxy EL-311

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy EL-311 is an Epoxy; Epoxide (Epoxy) product. It can be processed by laminating and is available in North America. Typical application:

Coating Applications.

Characteristics include:

Good Dimensional Stability

High Strength

Low Viscosity

General Information			
Features	Good Dimensional Stability High Strength Low Toxicity Low Viscosity		
Uses	Laminates		
Appearance	White		
Forms	Pellets		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.37	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	179	MPa	ASTM D638
Flexural Strength (Yield)	238	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	75.6	°C	ASTM D648
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components	Mix Ratio by Volume: 1.0		
Hardener	Mix Ratio by Weight: 10 Mix Ratio by Weight: 100		
Resin	Mix Ratio by Volume: 7.4		

Pot Life (25°C)	8.0 to 12	min	
Thermoset Mix Viscosity	4500	cP	ASTM D2393

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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

