

Ad-Tech Epoxy EL-302-PC-LP

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy EL-302-PC-LP is an Epoxy; Epoxide (Epoxy) product. It can be processed by laminating and is available in North America. Applications of Ad-Tech Epoxy EL-302-PC-LP include coating applications, prototyping applications and tools.

Characteristics include:

Good Dimensional Stability

High Strength

Low Viscosity

General Information			
Features	Good Dimensional Stability		
	High Strength		
	Low Toxicity		
	Low Viscosity		
Uses	Laminates		
	Modeling Material		
	Molds/Dies/Tools		
Appearance	White		
Forms	Pellets		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.41	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	17500	MPa	ASTM D638
Tensile Strength (Yield)	207	MPa	ASTM D638
Tensile Elongation (Yield)	1.0	%	ASTM D638
Flexural Modulus	10800	MPa	ASTM D790
Flexural Strength (Yield)	243	MPa	ASTM D790
Compressive Strength	86.1	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	4.1E-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: 12

Mix Ratio by Weight: 100

Resin

Mix Ratio by Volume: 5.7

Pot Life (25°C)	40 to 50	min	
Thermoset Mix Viscosity	3000	cP	ASTM D2393
Demold Time (25°C)	4300 to 7200	min	

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