

Ad-Tech Epoxy EL-315-IHL

Epoxy; Epoxide
Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy EL-315-IHL is an Epoxy; Epoxide (Epoxy) product. It can be processed by laminating and is available in North America. Applications of Ad-Tech Epoxy EL-315-IHL include aerospace and coating applications. Primary characteristic: heat resistant.

General Information			
Features	Good Thermal Stability		
Uses	Laminates		
Agency Ratings	Boeing Sp M41-03-01		
	Boeing Sp MMS-102		
Appearance	Black		
Forms	Pellets		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow	0.15	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	13800	MPa	ASTM D638
Tensile Strength (Break)	181	MPa	ASTM D638
Tensile Elongation (Yield)	0.40	%	ASTM D638
Flexural Modulus	9860	MPa	ASTM D790
Compressive Strength	99.1	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	245	°C	ASTM D648
CLTE - Flow	1.9E-5	cm/cm/°C	ASTM D696
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
	Mix Ratio by Volume: 24		
Hardener	Mix Ratio by Weight: 25		
	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Volume: 100		

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