

Ad-Tech Epoxy ESG-215

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy ESG-215 is an Epoxy; Epoxide (Epoxy) product. It can be processed by coating and is available in North America. Applications of Ad-Tech Epoxy ESG-215 include aerospace, coating applications, repairing material and tools.

Characteristics include:

Good Adhesion

Heat Resistant

Lubricated

General Information			
Additive	Graphite Powder Lubricant		
Features	Good Adhesion		
	Good Thermal Stability		
	Lubricated		
	Non-MDA Cured		
Uses	Aerospace Applications		
	Aircraft Applications		
	Coating Applications		
	Molds/Dies/Tools		
	Repairing Material		
Forms	Paste		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.20	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Strength (Yield)	250	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	196	°C	ASTM D648
CLTE - Flow	4.5E-5	cm/cm/°C	ASTM D696
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 14		
Resin	Mix Ratio by Weight: 100		
Pot Life (25°C)	20 to 25	min	
Demold Time (23°C)	120 to 240	min	

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