

Ad-Tech Epoxy ESR-212

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy ESR-212 is an Epoxy; Epoxide (Epoxy) product filled with iron. It can be processed by coating and is available in North America. Applications of Ad-Tech Epoxy ESR-212 include coating applications, repairing material and tools. Primary characteristic: good adhesion.

General Information			
Filler / Reinforcement	Iron		
Features	Good Adhesion		
	Machinable		
	Thixotropic		
Uses	Coating Applications		
	Molds/Dies/Tools		
	Repairing Material		
Appearance	Black		
Forms	Paste		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	2.41	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)	34.5	MPa	ASTM D638
Flexural Strength (Yield)	52.7	MPa	ASTM D790
Compressive Strength	114	MPa	ASTM D695
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 10		
Resin	Mix Ratio by Weight: 100		
Pot Life (25°C)	12 to 18	min	
Demold Time (23°C)	60 to 120	min	

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