

# Ad-Tech Epoxy ES-220

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

## Message:

Ad-Tech Epoxy ES-220 is an Epoxy; Epoxide (Epoxy) product filled with mineral. It can be processed by coating and is available in North America. Applications of Ad-Tech Epoxy ES-220 include tools, coating applications and repairing material. Characteristics include:  
Good Aesthetics  
Heat Resistant

General Information			
Filler / Reinforcement	Mineral		
Features	Good Surface Finish		
	Good Thermal Stability		
	Non-MDA Cured		
	Thixotropic		
Uses	Coating Applications		
	Molds/Dies/Tools		
	Repairing Material		
	Tooling		
Forms	Paste		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.20	g/cm <sup>3</sup>	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	91		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	34.5	MPa	ASTM D638
Flexural Strength (Yield)	55.2	MPa	ASTM D790
Compressive Strength	190	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	154	°C	ASTM E1356
Thermoset	Nominal Value	Unit	
Thermoset Components			
Mix Ratio by Volume: 11			
Hardener	Mix Ratio by Weight: 10		

Mix Ratio by Weight: 100

Resin	Mix Ratio by Volume: 100	
Pot Life (25°C)	45 to 55	min
Demold Time (25°C)	960 to 1400	min

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#### Recommended distributors for this material

### 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

