

Ad-Tech Epoxy ES-211-1

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy ES-211-1 is an Epoxy; Epoxide (Epoxy) product. It can be processed by coating and is available in North America. Applications of Ad-Tech Epoxy ES-211-1 include coating applications and tools.

Characteristics include:

Good Dimensional Stability

Heat Resistant

General Information			
Features	Good Dimensional Stability		
	Good Thermal Stability		
	Thixotropic		
Uses	Coating Applications		
	Molds/Dies/Tools		
Appearance	Light Blue		
	White		
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)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	65.3	MPa	ASTM D638
Flexural Strength (Yield)	109	MPa	ASTM D790
Compressive Strength	93.8	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	141	°C	ASTM D648
Thermoset	Nominal Value	Unit	
Thermoset Components			
	Mix Ratio by Volume: 1.0		
Hardener	Mix Ratio by Weight: 19		

Mix Ratio by Weight: 100

Resin	Mix Ratio by Volume: 4.7	
Pot Life (25°C)	15 to 20	min
Demold Time	4300 to 7200	min

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