

Ad-Tech Epoxy ES-214

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy ES-214 is an Epoxy; Epoxide (Epoxy) product. It can be processed by coating or compression molding and is available in North America. Applications of Ad-Tech Epoxy ES-214 include coating applications and tools. Primary characteristic: wear resistant.

General Information			
Features	Good Wear Resistance		
	Thixotropic		
Uses	Coating Applications		
	Molds/Dies/Tools		
Appearance	Grey		
Forms	Paste		
Processing Method	Coating		
	Compression Molding		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.73	g/cm ³	ASTM D1895
Molding Shrinkage - Flow	0.050	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Strength (Yield)	67.6	MPa	ASTM D790
Compressive Strength	154	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	154	°C	ASTM D648
Thermoset	Nominal Value	Unit	
Thermoset Components			
	Mix Ratio by Volume: 1.0		
Hardener	Mix Ratio by Weight: 9.0		
	Mix Ratio by Weight: 100		
Resin			
	Mix Ratio by Volume: 5.6		

Pot Life (25°C)	40 to 50	min
Demold Time		
25°C	960 to 1400	min
66°C	120	min
93°C	120	min
121°C	120	min
149°C	180	min

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