

Ad-Tech Epoxy ES-204-SC

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy ES-204-SC is an Epoxy; Epoxide (Epoxy) product filled with silicon carbide. It can be processed by coating and is available in North America. Applications of Ad-Tech Epoxy ES-204-SC include coating applications and tools.

Characteristics include:

Good Dimensional Stability

High Strength

Wear Resistant

General Information			
Filler / Reinforcement	Silicon Carbide		
Features	Good Abrasion Resistance		
	Good Dimensional Stability		
	High Strength		
	Thixotropic		
Uses	Coating Applications		
	Molds/Dies/Tools		
Appearance	Black		
Forms	Paste		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow	0.040	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	38.6	MPa	ASTM D638
Flexural Strength (Yield)	77.9	MPa	ASTM D790
Compressive Strength	132	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	73.9	°C	ASTM D648
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 10		
Resin	Mix Ratio by Weight: 100		
Pot Life (25°C)	25	min	

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