

Ad-Tech Epoxy EC-425

Epoxy; Epoxide
Ad-Tech Plastic Systems Corp.

Message:
Ad-Tech Epoxy EC-425 is an Epoxy; Epoxide (Epoxy) product. It can be processed by casting and is available in North America.

General Information			
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.10	g/cm ³	ASTM D1895
Molding Shrinkage - Flow	0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2280	MPa	ASTM D638
Tensile Strength (Break)	42.6	MPa	ASTM D638
Tensile Elongation (Yield)	3.2	%	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Compressive Strength	67.1	MPa	ASTM D695
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	25	ohms · cm	ASTM D257
Dielectric Strength	19	kV/mm	ASTM D149
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Mix Ratio by Volume: 1.0			
Hardener			
Mix Ratio by Weight: 20			
Mix Ratio by Weight: 100			
Resin			
Mix Ratio by Volume: 4.5			
Pot Life (25°C)	30 to 45	min	
Thermoset Mix Viscosity (25°C)	550	cP	ASTM D2393
Demold Time (25°C)	4300 to 7200	min	

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Recommended distributors for this material

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