

# Ad-Tech Epoxy EC-410

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

## Message:

Ad-Tech Epoxy EC-410 is an Epoxy; Epoxide (Epoxy) product. It can be processed by casting and is available in North America. Typical application: Tools.  
Primary characteristic: low shrinkage.

General Information			
Features	Good Stability		
	Low Exotherm		
	Low Shrinkage		
	Machinable		
Uses	Molds/Dies/Tools		
Appearance	Grey		
Forms	Pellets		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.00	g/cm <sup>3</sup>	ASTM D1895
Molding Shrinkage - Flow	0.20	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	68		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	39.6	MPa	ASTM D638
Compressive Strength	111	MPa	ASTM D695
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Weight: 100		
Pot Life (25°C)	90	min	
Thermoset Mix Viscosity (25°C)	30000	cP	ASTM D2393

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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

