

Ad-Tech Epoxy EC-423-2 (Medium)

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy EC-423-2 (Medium) is an Epoxy; Epoxide (Epoxy) product filled with aluminum. It can be processed by casting and is available in North America. Typical application: Tools. Primary characteristic: heat resistant.

General Information			
Filler / Reinforcement	Aluminum		
Features	Good Heat Aging Resistance		
Uses	Molds/Dies/Tools		
Appearance	Black		
Forms	Pellets		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.57	g/cm³	ASTM D1895
Molding Shrinkage - Flow	0.20	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8270	MPa	ASTM D638
Tensile Strength (Break)	45.3	MPa	ASTM D638
Tensile Elongation (Yield)	0.60	%	ASTM D638
Flexural Modulus	5310	MPa	ASTM D790
Compressive Strength	114	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	65.6	°C	ASTM E1356
CLTE - Flow	3.0E-5	cm/cm/°C	ASTM D696
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
	Mix Ratio by Volume: 1.0		
Hardener	Mix Ratio by Weight: 15		
	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Volume: 4.0		
Pot Life (25°C)	90 to 130	min	
Thermoset Mix Viscosity (25°C)	14500	cP	ASTM D2393

Demold Time (25°C)

7200 to 10000

min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

