

Ad-Tech Epoxy EC-426-2

Epoxy; Epoxide
Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy EC-426-2 is an Epoxy; Epoxide (Epoxy) product filled with iron. It can be processed by casting and is available in North America. Typical application: Tools.
Characteristics include:
Good Dimensional Stability
Wear Resistant

General Information			
Filler / Reinforcement	Iron		
Features	Good Abrasion Resistance		
	Good Dimensional Stability		
Uses	Molds/Dies/Tools		
Appearance	Black		
Forms	Pellets		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.47	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
Tensile Modulus	4070	MPa	ASTM D638
Tensile Strength (Break)	40.2	MPa	ASTM D638
Tensile Elongation (Yield)	2.3	%	ASTM D638
Flexural Modulus	2760	MPa	ASTM D790
Compressive Strength	71.4	MPa	ASTM D695
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
	Mix Ratio by Volume: 1.0		
Hardener	Mix Ratio by Weight: 18		
	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Volume: 3.2		
Pot Life (25°C)	200 to 270	min	

Shelf Life (25°C)	52	wk	
Thermoset Mix Viscosity (25°C)	24000	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

