

Ad-Tech Epoxy EC-413

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy EC-413 is an Epoxy; Epoxide (Epoxy) product filled with silicon carbide. It can be processed by casting and is available in North America. Characteristics include:
Good Dimensional Stability
Wear Resistant

General Information			
Filler / Reinforcement	Silicon Carbide		
Features	Good Abrasion Resistance		
	Good Dimensional Stability		
Appearance	Black		
Forms	Pellets		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	2.00	g/cm³	ASTM D1895
Molding Shrinkage - Flow	0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5880	MPa	ASTM D638
Tensile Strength (Break)	41.4	MPa	ASTM D638
Tensile Elongation (Yield)	1.1	%	ASTM D638
Flexural Modulus	5080	MPa	ASTM D790
Flexural Strength (Yield)	57.9	MPa	ASTM D790
Compressive Modulus	2010	MPa	ASTM D695
Compressive Strength	96.5	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	65.6	°C	ASTM E1356
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Volume: 1.0		
	Mix Ratio by Weight: 10		
Resin	Mix Ratio by Weight: 100		
	Mix Ratio by Volume: 4.5		

Pot Life (25°C)	480 to 720	min	
Thermoset Mix Viscosity (25°C)	20000	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



WECHAT