

Ad-Tech Urethanes UC-4521

Polyurethane Thermoset Elastomer

Ad-Tech Plastic Systems Corp.

Message:

Polyether Based

General Information			
Features	Good Abrasion Resistance		
	Good Chemical Resistance		
Appearance	Clear/Transparent		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.01	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	43.4	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 67		
Resin	Mix Ratio by Weight: 100		
Pot Life (25°C)	45	min	
Shelf Life (23°C)	26	wk	
Thermoset Mix Viscosity (25°C)	800	cP	ASTM D2393
Demold Time (25°C)	7200 to 10000	min	

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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



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