

Ad-Tech Urethanes UC-4650-1

Polyurethane Thermoset Elastomer

Ad-Tech Plastic Systems Corp.

Message:

Polyether Based

General Information			
Features	Good Toughness		
	Low Shrinkage		
	Low Viscosity		
Uses	Molds/Dies/Tools		
	Seals		
Appearance	Amber		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.05	g/cm ³	ASTM D1895
Molding Shrinkage - Flow	0.015	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4.83	MPa	ASTM D638
Tensile Elongation (Yield)	800	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	21.0	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 33		
Resin	Mix Ratio by Weight: 100		
Pot Life (25°C)	25	min	
Shelf Life (24°C)	26	wk	
Thermoset Mix Viscosity (25°C)	2500	cP	ASTM D2393
Demold Time (25°C)	1400 to 4300	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

