Ad-Tech Urethanes UC-4675-1

Polyurethane Thermoset Elastomer

Ad-Tech Plastic Systems Corp.

Message:

Polyether Based

Features Good Toughness Low Shrinkage Low Viscosity Uses Molds/Dies/Tools Seals Tooling Appearance Clear/Transparent Forms Liquid Processing Method Casting Physical Nominal Value Unit Apparent Density 1.05 g/cm³ Molding Shrinkage - Flow 0.20 % Hardness Nominal Value Unit Durometer Hardness (Shore A) 80 Mechanical Mechanical Nominal Value Unit Tensile Elongation (Yield) 14.8 MPa Tensile Elongation (Yield) 600 %	
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Tensile Strength (Yield)14.8MPaTensile Elongation (Yield)600%	ASTM D2240
Tensile Elongation (Yield) 600 %	Test Method
	ASTM D638
Elastomers Nominal Value Linit	ASTM D638
	Test Method
Tear Strength45.5kN/m	ASTM D624
Thermoset Nominal Value Unit	Test Method
Thermoset Components	
Hardener Mix Ratio by Weight: 50	
Resin Mix Ratio by Weight: 100	
Pot Life (25°C) 20 min	
Shelf Life (24°C) 26 wk	
Thermoset Mix Viscosity (25°C)2500cP	ASTM D2393
Demold Time	
25°C 4300 to 7200 min	
66°C 960 min	

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