

Ad-Tech Urethanes LUC-4101

Polyurethane

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Urethanes LUC-4101 is a Polyurethane product. It can be processed by casting and is available in North America. Applications of Ad-Tech Urethanes LUC-4101 include engineering/industrial parts and tools.

Characteristics include:

- Good Toughness
- Low Shrinkage
- Low Viscosity
- Rigid
- Wear Resistant

General Information			
Features	Fast Cure		
	Good Abrasion Resistance		
	Good Toughness		
	Low Exotherm		
	Low Shrinkage		
	Low Viscosity		
	Machinable		
	Paintable		
	Semi Rigid		
Uses	Knobs		
	Molds/Dies/Tools		
Appearance	Black		
	Tan		
Forms	Pellets		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.72	g/cm ³	ASTM D1895
Molding Shrinkage - Flow	0.030 to 0.070	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	20.3	MPa	ASTM D638
Compressive Strength	59.0	MPa	ASTM D695
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			

Mix Ratio by Volume: 100

Hardener

Mix Ratio by Weight: 100

Mix Ratio by Weight: 100

Resin

Mix Ratio by Volume: 100

Pot Life (25°C)	5.0	min	
Shelf Life (25°C)	26	wk	
Thermoset Mix Viscosity (25°C)	1600	cP	ASTM D2393

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