

Ad-Tech Urethanes LUC-4103

Polyurethane
Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Urethanes LUC-4103 is a Polyurethane product filled with aluminum. It can be processed by casting and is available in North America. Applications of Ad-Tech Urethanes LUC-4103 include engineering/industrial parts and tools. Characteristics include:
Low Shrinkage
Low Viscosity
Rigid

General Information			
Filler / Reinforcement	Aluminum		
Features	Fast Cure		
	High Rigidity		
	Low Exotherm		
	Low Shrinkage		
	Low Viscosity		
	Machinable		
Uses	Knobs		
	Molds/Dies/Tools		
Appearance	Grey		
Forms	Pellets		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.72	g/cm ³	ASTM D1895
Molding Shrinkage - Flow	0.060	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	23.4	MPa	ASTM D638
Flexural Strength (Yield)	43.2	MPa	ASTM D790
Compressive Strength	58.6	MPa	ASTM D695
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Weight: 100		
Pot Life (25°C)	5.0	min	
Shelf Life (25°C)	26	wk	

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