

# ACCUTECH™ NY0730G40L1

Polyamide 6

ACLO Compounders Inc.

## Message:

ACCUTECH™NY0730G40L1 is a polyamide 6 (nylon 6) product, which contains a 40% glass fiber reinforced material. It is available in North America.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 40% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.10	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7600	MPa	ASTM D638
Tensile Strength (Break)	182	MPa	ASTM D638
Tensile Elongation (Break)	7.0	%	ASTM D638
Flexural Modulus	10000	MPa	ASTM D790
Flexural Strength	245	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	220	°C	ASTM D648
1.8 MPa, not annealed	205	°C	ASTM D648
Additional Information			
Ash Content, ASTM D2584: 40%			

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## Recommended distributors for this material

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