

ACCUTECH™ NY0730G20L

Polyamide 6
ACLO Compounders Inc.

Message:
ACCUTECH™ NY0730G20L is a Polyamide 6 (Nylon 6) product filled with 20% glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	113		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3700	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	120	MPa	
Break	117	MPa	
Tensile Elongation			ASTM D638
Yield	5.0	%	
Break	8.0	%	
Flexural Modulus	6000	MPa	ASTM D790
Flexural Strength	187	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	82	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	190	°C	ASTM D648

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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



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