

Technical Data Sheet

Accutech NY0730G30L

Polyamide 6
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.35	1.35 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	4.0 g/10 min	4.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	609000 psi	4200 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	20900 psi	144 MPa	
Break	20700 psi	143 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	7.0 %	7.0 %	
Flexural Modulus	1.22E+6 psi	8400 MPa	ASTM D790
Flexural Strength	31000 psi	214 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.5 ft·lb/in	130 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	118	118	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	388 °F	198 °C	

Notes

These are typical property values not to be construed as specification limits.