

Technical Data Sheet

Accutech NY0730G20L

Polyamide 6
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.27	1.27 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	537000 psi	3700 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	17400 psi	120 MPa	
Break	17000 psi	117 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	8.0 %	8.0 %	
Flexural Modulus	870000 psi	6000 MPa	ASTM D790
Flexural Strength	27100 psi	187 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.5 ft·lb/in	82 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	113	113	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	374 °F	190 °C	

Notes

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