

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 <sup>3</sup>	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.