

Technical Data Sheet

# Accutech NY0730G30L1

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
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Density / Specific Gravity	1.35	1.35 g/cm <sup>3</sup>	ASTM D792
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Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Tensile Modulus	899000 psi	6200 MPa	ASTM D638
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Tensile Strength (Break)	23200 psi	160 MPa	ASTM D638
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Tensile Elongation (Break)	7.0 %	7.0 %	ASTM D638
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Flexural Modulus	1.12E+6 psi	7700 MPa	ASTM D790
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Flexural Strength	32800 psi	226 MPa	ASTM D790
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Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
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Notched Izod Impact	2.2 ft·lb/in	120 J/m	ASTM D256
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Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
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Rockwell Hardness (R-scale)	121	121	ASTM D785
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Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
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Deflection Temperature Under Load			ASTM D648
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66 Psi (0.45 Mpa), Unannealed	428 °F	220 °C
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264 Psi (1.8 Mpa), Unannealed	392 °F	200 °C
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**Additional Information**

Ash Content, ASTM D2584: 30%

**Notes**

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