

Technical Data Sheet

# Accutech HP0339G10CL

Polypropylene Homopolymer  
LyondellBasell Industries  
Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.950	0.948 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	14 g/10 min	14 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	334000 psi	2300 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	6090 psi	42.0 MPa	
Break	5370 psi	37.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	7.0 %	7.0 %	
Flexural Modulus	363000 psi	2500 MPa	ASTM D790
Flexural Strength	7980 psi	55.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.56 ft-lb/in	30 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	100	100	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	293 °F	145 °C	
264 Psi (1.8 Mpa), Unannealed	221 °F	105 °C	

Additional Information
Ash Content, ASTM D2584: 10%

**Notes**

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