

Technical Data Sheet

# Accutech HP0339G40CL

Polypropylene Homopolymer  
 LyondellBasell Industries  
 Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.20	1.20 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	7.0 g/10 min	7.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	667000 psi	4600 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	12600 psi	87.0 MPa	
Break	13100 psi	90.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	5.0 %	5.0 %	
Flexural Modulus	1.09E+6 psi	7500 MPa	ASTM D790
Flexural Strength	17100 psi	118 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.3 ft·lb/in	70 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	105	105	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	320 °F	160 °C	
264 Psi (1.8 Mpa), Unannealed	295 °F	146 °C	

Additional Information	
Ash Content, ASTM D2584:	40%

**Notes**

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