Technical Data Sheet

Accutech HP0336G40CL

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	1.21	1.21 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	4.0 g/10 min	4.0 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	11900 psi	82.0 MPa	
Break	11900 psi	82.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	5.0 %	5.0 %	
Flexural Modulus	1.06E+6 psi	7300 MPa	ASTM D790
Flexural Strength	17000 psi	117 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	293 °F	145 °C	
264 Psi (1.8 Mpa), Unannealed	320 °F	160 °C	

Additional Information
Ash Content, ASTM D2584: 40%

Notes

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