

Technical Data Sheet

Accutech HP0336G25C002L

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 25% Filler by Weight
Features	• Chemically Coupled
Agency Ratings	• NSF STD-61
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.07	1.07 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	508000 psi	3500 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	9570 psi	66.0 MPa	
Break	9570 psi	66.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	5.0 %	5.0 %	
Flexural Modulus	682000 psi	4700 MPa	ASTM D790
Flexural Strength	12300 psi	85.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.88 ft·lb/in	47 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	104	104	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	313 °F	156 °C	
264 Psi (1.8 Mpa), Unannealed	275 °F	135 °C	

Additional Information
Ash Content, ASTM D2584: 25%

Notes

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