

Technical Data Sheet

Accutech HP0334G40CL

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/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	3.0 g/10 min	3.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	682000 psi	4700 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	12000 psi	83.0 MPa	
Break	12000 psi	83.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	6.0 %	6.0 %	
Flexural Modulus	1.04E+6 psi	7200 MPa	ASTM D790
Flexural Strength	16400 psi	113 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.5 ft·lb/in	78 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	320 °F	160 °C	
264 Psi (1.8 Mpa), Unannealed	288 °F	142 °C	

Additional Information			
Ash Content, ASTM D2584: 40%			

Notes

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