

Technical Data Sheet

Accutech HP0334G20M10CL

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	Glass Fiber, 20% Filler by Weight Mineral, 10% Filler by Weight		
Forms	• Pellets		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.11	1.11 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	1.5 g/10 min	1.5 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	7250 psi	50.0 MPa	
Break	7250 psi	50.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	6.0 %	6.0 %	
Flexural Modulus	609000 psi	4200 MPa	ASTM D790
Flexural Strength	11300 psi	78.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.1 ft·lb/in	58 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	90	90	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	306 °F	152 °C	
264 Psi (1.8 Mpa), Unannealed	257 °F	125 °C	

Additional Information			
Ash Content, ASTM D2584: 30%			

Notes

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