

Technical Data Sheet

Accutech HP0334W10L1

Polypropylene Homopolymer

LyondellBasell Industries

Engineering Plastics

General			
Filler / Reinforcement	• Wollastonite (CaSiO ₃), 10% Filler by Weight		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.970	0.968 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	232000 psi	1600 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5080 psi	35.0 MPa	
Break	3340 psi	23.0 MPa	
Tensile Elongation			ASTM D638
Yield	7.0 %	7.0 %	
Break	28 %	28 %	
Flexural Modulus	232000 psi	1600 MPa	ASTM D790
Flexural Strength	5220 psi	36.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.0 ft·lb/in	54 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	89	89	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	225 °F	107 °C	
264 Psi (1.8 Mpa), Unannealed	140 °F	60.0 °C	

Additional Information

Ash Content, ASTM D2584: 10%

Notes

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