

Technical Data Sheet

Accutech HP0334W40L1

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General

Filler / Reinforcement	• Wollastonite (CaSiO3), 40% Filler by Weight
Forms	• Pellets

Physical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.25	1.25 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	493000 psi	3400 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	4350 psi	30.0 MPa	
Break	3340 psi	23.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	15 %	15 %	
Flexural Modulus	479000 psi	3300 MPa	ASTM D790
Flexural Strength	5220 psi	36.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.77 ft·lb/in	41 J/m	ASTM D256

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	66	66	ASTM D785

Thermal

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	257 °F	125 °C	
264 Psi (1.8 Mpa), Unannealed	176 °F	80.0 °C	

Additional Information

Ash Content, ASTM D2584: 40%

Notes

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