

Technical Data Sheet

Accutech HP0336W40L1

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	1.23	1.23 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	522000 psi	3600 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	4640 psi	32.0 MPa	
Break	3630 psi	25.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	15 %	15 %	
Flexural Modulus	624000 psi	4300 MPa	ASTM D790
Flexural Strength	6380 psi	44.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.66 ft·lb/in	35 J/m	ASTM D256

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	68	68	ASTM D785

Thermal

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	266 °F	130 °C	
264 Psi (1.8 Mpa), Unannealed	180 °F	82.0 °C	

Additional Information

Ash Content, ASTM D2584: 40%

Notes

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