

Technical Data Sheet

Accutech HP0336W20L1

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General

Filler / Reinforcement	• Wollastonite (CaSiO3), 20% Filler by Weight
Forms	• Pellets

Physical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.04	1.04 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	305000 psi	2100 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	4930 psi	34.0 MPa	
Break	3630 psi	25.0 MPa	
Tensile Elongation			ASTM D638
Yield	6.0 %	6.0 %	
Break	20 %	20 %	
Flexural Modulus	290000 psi	2000 MPa	ASTM D790
Flexural Strength	5800 psi	40.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.75 ft·lb/in	40 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	239 °F	115 °C	
264 Psi (1.8 Mpa), Unannealed	151 °F	66.0 °C	

Additional Information

Ash Content, ASTM D2584: 20%

Notes

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