

Technical Data Sheet

Accutech HP0334W20L

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General	
Filler / Reinforcement	• Wollastonite (CaSiO ₃), 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)	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	334000 psi	2300 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	4930 psi	34.0 MPa	
Break	4060 psi	28.0 MPa	
Tensile Elongation			ASTM D638
Yield	6.0 %	6.0 %	
Break	16 %	16 %	
Flexural Modulus	334000 psi	2300 MPa	ASTM D790
Flexural Strength	6090 psi	42.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.79 ft-lb/in	42 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	239 °F	115 °C	
264 Psi (1.8 Mpa), Unannealed	149 °F	65.0 °C	

Additional Information
Ash Content, ASTM D2584: 20%

Notes

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