

Technical Data Sheet

Accutech HP0336W10L

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	0.965	0.963 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	247000 psi	1700 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5220 psi	36.0 MPa	
Break	4350 psi	30.0 MPa	
Tensile Elongation			ASTM D638
Yield	7.0 %	7.0 %	
Break	20 %	20 %	
Flexural Modulus	247000 psi	1700 MPa	ASTM D790
Flexural Strength	6090 psi	42.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.66 ft·lb/in	35 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	93	93	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	223 °F	106 °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.