

Technical Data Sheet

Accutech HP0339W40L1

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General	
Filler / Reinforcement	• Wollastonite (CaSiO ₃), 40% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.24	1.24 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	21 g/10 min	21 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	580000 psi	4000 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	4500 psi	31.0 MPa	
Break	3770 psi	26.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	12 %	12 %	
Flexural Modulus	609000 psi	4200 MPa	ASTM D790
Flexural Strength	6240 psi	43.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.52 ft·lb/in	28 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	80	80	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.