

Technical Data Sheet

Accutech HP0339W20L1

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)	21 g/10 min	21 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	3770 psi	26.0 MPa	
Tensile Elongation			ASTM D638
Yield	6.0 %	6.0 %	
Break	19 %	19 %	
Flexural Modulus	319000 psi	2200 MPa	ASTM D790
Flexural Strength	5800 psi	40.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.60 ft·lb/in	32 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	248 °F	120 °C	
264 Psi (1.8 Mpa), Unannealed	154 °F	68.0 °C	

Additional Information			
Ash Content, ASTM D2584: 20%			

Notes

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