

Technical Data Sheet

Accutech HP0339C20L1

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General	
Filler / Reinforcement	• Calcium Carbonate, 20% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.02	1.02 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	232000 psi	1600 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	4350 psi	30.0 MPa	
Break	1890 psi	13.0 MPa	
Tensile Elongation			ASTM D638
Yield	6.0 %	6.0 %	
Break	50 %	50 %	
Flexural Modulus	247000 psi	1700 MPa	ASTM D790
Flexural Strength	5370 psi	37.0 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)	92	92	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	221 °F	105 °C	
264 Psi (1.8 Mpa), Unannealed	140 °F	60.0 °C	

Additional Information
Ash Content, ASTM D2584: 20%

Notes

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