

Technical Data Sheet

Accutech HP0339G20CL

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General

- Filler / Reinforcement
 - Glass Fiber, 20% Filler by Weight
- Forms
 - Pellets

Physical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.03	1.03 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	435000 psi	3000 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	8270 psi	57.0 MPa	
Break	8120 psi	56.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	5.0 %	5.0 %	
Flexural Modulus	580000 psi	4000 MPa	ASTM D790
Flexural Strength	11300 psi	78.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.84 ft·lb/in	45 J/m	ASTM D256

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	102	102	ASTM D785

Thermal

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	311 °F	155 °C	
264 Psi (1.8 Mpa), Unannealed	277 °F	136 °C	

Additional Information

Ash Content, ASTM D2584: 20%

Notes

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