

Technical Data Sheet

# Accutech HP0339G10M20CL

Polypropylene Homopolymer  
 LyondellBasell Industries  
 Engineering Plastics

**General**

Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight • Mineral, 20% Filler by Weight
Forms	• Pellets

**Physical**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.10	1.10 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	10 g/10 min	10 g/10 min	ASTM D1238

**Mechanical**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	522000 psi	3600 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5950 psi	41.0 MPa	
Break	5800 psi	40.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	6.0 %	6.0 %	
Flexural Modulus	580000 psi	4000 MPa	ASTM D790
Flexural Strength	9280 psi	64.0 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)	81	81	ASTM D785

**Thermal**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	304 °F	151 °C	
264 Psi (1.8 Mpa), Unannealed	228 °F	109 °C	

**Additional Information**

Ash Content, ASTM D2584: 30%
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**Notes**

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