

Technical Data Sheet

# Accutech HP0339M20CL

Polypropylene Homopolymer  
 LyondellBasell Industries  
 Engineering Plastics

General	
Filler / Reinforcement	• Mica, 20% Filler by Weight
Features	• Chemically Coupled
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.03	1.02 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	14 g/10 min	14 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	363000 psi	2500 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5080 psi	35.0 MPa	
Break	4500 psi	31.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	12 %	12 %	
Flexural Modulus	435000 psi	3000 MPa	ASTM D790
Flexural Strength	7400 psi	51.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.62 ft-lb/in	33 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	259 °F	126 °C	
264 Psi (1.8 Mpa), Unannealed	160 °F	71.0 °C	

Additional Information
Ash Content, ASTM D2584: 20%

**Notes**

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