

Technical Data Sheet

Accutech HP0336M20CL

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	1.02	1.02 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	348000 psi	2400 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5080 psi	35.0 MPa	
Break	4350 psi	30.0 MPa	
Tensile Elongation			ASTM D638
Yield	6.0 %	6.0 %	
Break	15 %	15 %	
Flexural Modulus	377000 psi	2600 MPa	ASTM D790
Flexural Strength	6670 psi	46.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.79 ft·lb/in	42 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	74	74	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	253 °F	123 °C	
264 Psi (1.8 Mpa), Unannealed	156 °F	69.0 °C	

Additional Information
Ash Content, ASTM D2584: 20%

Notes

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