

Technical Data Sheet

Accutech HP0339M40CL

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General	
Filler / Reinforcement	• Mica, 40% Filler by Weight
Features	• Chemically Coupled
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.19	1.19 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	580000 psi	4000 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	4790 psi	33.0 MPa	
Break	4350 psi	30.0 MPa	
Tensile Elongation			ASTM D638
Yield	2.0 %	2.0 %	
Break	5.0 %	5.0 %	
Flexural Modulus	841000 psi	5800 MPa	ASTM D790
Flexural Strength	7250 psi	50.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.45 ft-lb/in	24 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	51	51	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	273 °F	134 °C	
264 Psi (1.8 Mpa), Unannealed	181 °F	83.0 °C	

Additional Information
Ash Content, ASTM D2584: 40%

Notes

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