

Technical Data Sheet

Accutech HP0339C40L

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General

Filler / Reinforcement	• Calcium Carbonate, 40% Filler by Weight
Forms	• Pellets

Physical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.21	1.21 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	21 g/10 min	21 g/10 min	ASTM D1238

Mechanical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	319000 psi	2200 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3630 psi	25.0 MPa	
Break	2470 psi	17.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	35 %	35 %	
Flexural Modulus	392000 psi	2700 MPa	ASTM D790
Flexural Strength	5370 psi	37.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.66 ft·lb/in	35 J/m	ASTM D256

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	85	85	ASTM D785

Thermal

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	239 °F	115 °C	
264 Psi (1.8 Mpa), Unannealed	142 °F	61.0 °C	

Additional Information

Ash Content, ASTM D2584: 40%

Notes

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