

Technical Data Sheet

Accutech HP0339C10L1

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General	
Filler / Reinforcement	• Calcium Carbonate, 10% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.962	0.960 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	203000 psi	1400 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	4640 psi	32.0 MPa	
Break	1600 psi	11.0 MPa	
Tensile Elongation			ASTM D638
Yield	7.0 %	7.0 %	
Break	130 %	130 %	
Flexural Modulus	218000 psi	1500 MPa	ASTM D790
Flexural Strength	5370 psi	37.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.75 ft·lb/in	40 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	97	97	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	212 °F	100 °C	
264 Psi (1.8 Mpa), Unannealed	138 °F	59.0 °C	

Additional Information
Ash Content, ASTM D2584: 10%

Notes

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

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