

Technical Data Sheet

Accutech HP0339C40L1

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/cm³	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	3770 psi	26.0 MPa	
Break	2760 psi	19.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	30 %	30 %	
Flexural Modulus	305000 psi	2100 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)	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	230 °F	110 °C	
264 Psi (1.8 Mpa), Unannealed	144 °F	62.0 °C	

Additional Information			
Ash Content, ASTM D2584: 40%			

Notes

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