

Technical Data Sheet

Accutech HP0339M10CL

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Mica, 10% Filler by Weight		
Features	• Chemically Coupled		
Forms	• Pellets		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.0960	0.0958 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	17 g/10 min	17 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	276000 psi	1900 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5370 psi	37.0 MPa	
Break	4640 psi	32.0 MPa	
Tensile Elongation			ASTM D638
Yield	7.0 %	7.0 %	
Break	17 %	17 %	
Flexural Modulus	290000 psi	2000 MPa	ASTM D790
Flexural Strength	6960 psi	48.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.60 ft·lb/in	32 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	95	95	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	235 °F	113 °C	
264 Psi (1.8 Mpa), Unannealed	145 °F	63.0 °C	

Additional Information			
Ash Content, ASTM D2584: 10%			

Notes

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