

Technical Data Sheet

Accutech HP0339G5M25CL

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 5.0% Filler by Weight	• Mineral, 25% Filler by Weight	
Forms	• Pellets		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.10	1.10 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	12 g/10 min	12 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	508000 psi	3500 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5080 psi	35.0 MPa	
Break	4790 psi	33.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	6.0 %	6.0 %	
Flexural Modulus	566000 psi	3900 MPa	ASTM D790
Flexural Strength	7980 psi	55.0 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)	74	74	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	289 °F	143 °C	
264 Psi (1.8 Mpa), Unannealed	205 °F	96.0 °C	

Additional Information			
Ash Content, ASTM D2584: 30%			

Notes

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