

Technical Data Sheet

Accutech HP0336G5M25CL

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)	3.0 g/10 min	3.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	479000 psi	3300 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5370 psi	37.0 MPa	
Break	4790 psi	33.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	7.0 %	7.0 %	
Flexural Modulus	566000 psi	3900 MPa	ASTM D790
Flexural Strength	8270 psi	57.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.79 ft·lb/in	42 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	70	70	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	282 °F	139 °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.