

Technical Data Sheet

# Accutech HP0334G5M25CL

Polypropylene Homopolymer  
 LyondellBasell Industries  
 Engineering Plastics

**General**

Filler / Reinforcement	<ul style="list-style-type: none"> <li>Glass Fiber, 5.0% Filler by Weight</li> <li>Mineral, 25% Filler by Weight</li> </ul>
Forms	<ul style="list-style-type: none"> <li>Pellets</li> </ul>

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.18	1.18 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	1.0 g/10 min	1.0 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	4930 psi	34.0 MPa	
Break	3630 psi	25.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	8.0 %	8.0 %	
Flexural Modulus	508000 psi	3500 MPa	ASTM D790
Flexural Strength	7690 psi	53.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.94 ft·lb/in	50 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	72	72	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	277 °F	136 °C	
264 Psi (1.8 Mpa), Unannealed	189 °F	87.0 °C	

**Additional Information**

Ash Content, ASTM D2584: 30%

**Notes**

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