

Technical Data Sheet

Accutech HP0336G10CL

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General

Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.950	0.948 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	9.0 g/10 min	9.0 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	5370 psi	37.0 MPa	
Break	4790 psi	33.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	9.0 %	9.0 %	
Flexural Modulus	334000 psi	2300 MPa	ASTM D790
Flexural Strength	7690 psi	53.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.52 ft-lb/in	28 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	101	101	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	284 °F	140 °C	
264 Psi (1.8 Mpa), Unannealed	230 °F	110 °C	

Additional Information

Ash Content, ASTM D2584: 10%

Notes

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