

Technical Data Sheet

Accutech CP0436G30CL

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General

Filler / Reinforcement	• Glass Fiber, 30% 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)	4.0 g/10 min	4.0 g/10 min	ASTM D1238

Mechanical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	486000 psi	3350 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	7400 psi	51.0 MPa	
Break	7250 psi	50.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	8.0 %	8.0 %	
Flexural Modulus	602000 psi	4150 MPa	ASTM D790
Flexural Strength	11000 psi	76.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	3.1 ft·lb/in	170 J/m	ASTM D256

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	92	92	ASTM D785

Thermal

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	315 °F	157 °C	
264 Psi (1.8 Mpa), Unannealed	273 °F	134 °C	

Additional Information

Ash Content, ASTM D2584: 30%

Notes

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