

Technical Data Sheet

Accutech CP0436G5M25CL

Polypropylene Copolymer
 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	1.11	1.11 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	392000 psi	2700 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3630 psi	25.0 MPa	
Break	3190 psi	22.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	8.0 %	8.0 %	
Flexural Modulus	464000 psi	3200 MPa	ASTM D790
Flexural Strength	5510 psi	38.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.6 ft-lb/in	83 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	40	40	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	187 °F	86.0 °C	

Additional Information

Ash Content, ASTM D2584: 30%

Notes

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