

Technical Data Sheet

Accutech CP0436G20M10CL

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight • Mineral, 10% 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	471000 psi	3250 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5800 psi	40.0 MPa	
Break	5800 psi	40.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	9.0 %	9.0 %	
Flexural Modulus	551000 psi	3800 MPa	ASTM D790
Flexural Strength	8850 psi	61.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.5 ft·lb/in	130 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	307 °F	153 °C	
264 Psi (1.8 Mpa), Unannealed	250 °F	121 °C	

Additional Information
Ash Content, ASTM D2584: 30%

Notes

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