

Technical Data Sheet

Accutech CP0436G20CL

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General

Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
----------	-------------------------	--------------------	-------------

Density / Specific Gravity	1.02	1.02 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
------------	-------------------------	--------------------	-------------

Tensile Modulus	363000 psi	2500 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5950 psi	41.0 MPa	
Break	5800 psi	40.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	7.0 %	7.0 %	
Flexural Modulus	421000 psi	2900 MPa	ASTM D790
Flexural Strength	8700 psi	60.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
--------	-------------------------	--------------------	-------------

Notched Izod Impact	1.9 ft·lb/in	100 J/m	ASTM D256
---------------------	--------------	---------	-----------

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
----------	-------------------------	--------------------	-------------

Rockwell Hardness (R-scale)	85	85	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	253 °F	123 °C	

Additional Information

Ash Content, ASTM D2584: 20%

Notes

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