

Technical Data Sheet

Accutech CP0436W20L1

Polypropylene Copolymer
 LyondellBasell Industries
 Engineering Plastics

General

Filler / Reinforcement	• Wollastonite (CaSiO3), 20% Filler by Weight
Forms	• Pellets

Physical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.04	1.04 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	261000 psi	1800 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3050 psi	21.0 MPa	
Break	2180 psi	15.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	32 %	32 %	
Flexural Modulus	225000 psi	1550 MPa	ASTM D790
Flexural Strength	3630 psi	25.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.0 ft·lb/in	110 J/m	ASTM D256

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	59	59	ASTM D785

Thermal

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	216 °F	102 °C	
264 Psi (1.8 Mpa), Unannealed	133 °F	56.0 °C	

Additional Information

Ash Content, ASTM D2584: 20%

Notes

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