

Technical Data Sheet

Accutech CP0436W40L1

Polypropylene Copolymer
 LyondellBasell Industries
 Engineering Plastics

General	
Filler / Reinforcement	• Wollastonite (CaSiO ₃), 40% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.23	1.23 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	435000 psi	3000 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2900 psi	20.0 MPa	
Break	2320 psi	16.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	20 %	20 %	
Flexural Modulus	435000 psi	3000 MPa	ASTM D790
Flexural Strength	3920 psi	27.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.7 ft·lb/in	90 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	45	45	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	239 °F	115 °C	
264 Psi (1.8 Mpa), Unannealed	158 °F	70.0 °C	

Additional Information
Ash Content, ASTM D2584: 40%

Notes

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