

Technical Data Sheet

Accutech CP0436W40L

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)	11 g/10 min	11 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	2900 psi	20.0 MPa	
Break	2470 psi	17.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	18 %	18 %	
Flexural Modulus	392000 psi	2700 MPa	ASTM D790
Flexural Strength	3770 psi	26.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.5 ft-lb/in	82 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	50	50	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	235 °F	113 °C	
264 Psi (1.8 Mpa), Unannealed	151 °F	66.0 °C	

Additional Information			
Ash Content, ASTM D2584:	40%		

Notes

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