

Technical Data Sheet

# Accutech CP0436C40L1

Polypropylene Copolymer  
 LyondellBasell Industries  
 Engineering Plastics

General	
Filler / Reinforcement	• Calcium Carbonate, 40% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.20	1.20 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	9.0 g/10 min	9.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	276000 psi	1900 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2610 psi	18.0 MPa	
Break	2180 psi	15.0 MPa	
Tensile Elongation			ASTM D638
Yield	2.0 %	2.0 %	
Break	35 %	35 %	
Flexural Modulus	232000 psi	1600 MPa	ASTM D790
Flexural Strength	3630 psi	25.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.4 ft-lb/in	130 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	58	58	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	129 °F	54.0 °C	
264 Psi (1.8 Mpa), Unannealed	201 °F	94.0 °C	

Additional Information
Ash Content, ASTM D2584: 40%

**Notes**

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