

Technical Data Sheet

# Accutech CP0437C10L

Polypropylene Copolymer  
LyondellBasell Industries  
Engineering Plastics

General	
Filler / Reinforcement	• Calcium Carbonate, 10% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.960	0.958 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	131000 psi	900 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2180 psi	15.0 MPa	
Break	1740 psi	12.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	120 %	120 %	
Flexural Modulus	131000 psi	900 MPa	ASTM D790
Flexural Strength	2320 psi	16.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	12 ft·lb/in	640 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	53	53	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	162 °F	72.0 °C	
264 Psi (1.8 Mpa), Unannealed	113 °F	45.0 °C	

Additional Information
Ash Content, ASTM D2584: 10%

**Notes**

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