

Technical Data Sheet

Accutech CP0437C30L

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General

Filler / Reinforcement	• Calcium Carbonate, 30% Filler by Weight
Forms	• Pellets

Physical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.01	1.01 g/cm ³	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	189000 psi	1300 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	1890 psi	13.0 MPa	
Break	1600 psi	11.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	60 %	60 %	
Flexural Modulus	160000 psi	1100 MPa	ASTM D790
Flexural Strength	2760 psi	19.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	6.4 ft·lb/in	340 J/m	ASTM D256

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	48	48	ASTM D785

Thermal

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	172 °F	78.0 °C	
264 Psi (1.8 Mpa), Unannealed	126 °F	52.0 °C	

Additional Information

Ash Content, ASTM D2584: 30%

Notes

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