

Technical Data Sheet

Accutech CP0437C30L1

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	1.10	1.10 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	174000 psi	1200 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2030 psi	14.0 MPa	
Break	1740 psi	12.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	40 %	40 %	
Flexural Modulus	145000 psi	1000 MPa	ASTM D790
Flexural Strength	2470 psi	17.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	11 ft·lb/in	600 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	165 °F	74.0 °C	
264 Psi (1.8 Mpa), Unannealed	120 °F	49.0 °C	

Additional Information

Ash Content, ASTM D2584: 29.3%

Notes

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