

Technical Data Sheet

Accutech CP0437C40L1

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	1.19 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	218000 psi	1500 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	1890 psi	13.0 MPa	
Break	1740 psi	12.0 MPa	
Tensile Elongation			ASTM D638
Yield	2.0 %	2.0 %	
Break	20 %	20 %	
Flexural Modulus	203000 psi	1400 MPa	ASTM D790
Flexural Strength	2470 psi	17.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	7.5 ft·lb/in	400 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	45	45	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	124 °F	51.0 °C	

Additional Information
Ash Content, ASTM D2584: 39%

Notes

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