

Technical Data Sheet

Accutech CP0437M30L

Polypropylene Copolymer
 LyondellBasell Industries
 Engineering Plastics

General

Filler / Reinforcement	• Mica, 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)	16 g/10 min	16 g/10 min	ASTM D1238

Mechanical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	290000 psi	2000 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2180 psi	15.0 MPa	
Break	2030 psi	14.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	10 %	10 %	
Flexural Modulus	305000 psi	2100 MPa	ASTM D790
Flexural Strength	3050 psi	21.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.8 ft·lb/in	150 J/m	ASTM D256

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	39	39	ASTM D785

Thermal

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	207 °F	97.0 °C	
264 Psi (1.8 Mpa), Unannealed	136 °F	58.0 °C	

Additional Information

Ash Content, ASTM D2584: 30%

Notes

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