

Technical Data Sheet

Accutech CP0437T30L1

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General

- Filler / Reinforcement
 - Talc, 30% Filler by Weight
- Forms
 - Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.13	1.13 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	247000 psi	1700 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2610 psi	18.0 MPa	
Break	2180 psi	15.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	10 %	10 %	
Flexural Modulus	290000 psi	2000 MPa	ASTM D790
Flexural Strength	2900 psi	20.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.1 ft·lb/in	110 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	221 °F	105 °C	
264 Psi (1.8 Mpa), Unannealed	135 °F	57.0 °C	

Additional Information

Ash Content, ASTM D2584: 30%

Notes

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