

Technical Data Sheet

Accutech CP0437T30L

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	218000 psi	1500 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2320 psi	16.0 MPa	
Break	1890 psi	13.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	15 %	15 %	
Flexural Modulus	276000 psi	1900 MPa	ASTM D790
Flexural Strength	2900 psi	20.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.9 ft·lb/in	100 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	198 °F	92.0 °C	
264 Psi (1.8 Mpa), Unannealed	129 °F	54.0 °C	

Additional Information

Ash Content, ASTM D2584: 30%

Notes

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