

Technical Data Sheet

Accutech CP0436T10L

Polypropylene Copolymer
 LyondellBasell Industries
 Engineering Plastics

General

Filler / Reinforcement	• Talc, 10% Filler by Weight
Forms	• Pellets

Physical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.950	0.948 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	189000 psi	1300 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3340 psi	23.0 MPa	
Break	2320 psi	16.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	40 %	40 %	
Flexural Modulus	167000 psi	1150 MPa	ASTM D790
Flexural Strength	3920 psi	27.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.8 ft-lb/in	95 J/m	ASTM D256

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	62	62	ASTM D785

Thermal

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	190 °F	88.0 °C	
264 Psi (1.8 Mpa), Unannealed	126 °F	52.0 °C	

Additional Information

Ash Content, ASTM D2584: 10%

Notes

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