

Technical Data Sheet

Accutech CP0437W10L1

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Wollastonite (CaSiO ₃), 10% Filler by Weight		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.960	0.958 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	18 g/10 min	18 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	160000 psi	1100 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2610 psi	18.0 MPa	
Break	2030 psi	14.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	40 %	40 %	
Flexural Modulus	131000 psi	900 MPa	ASTM D790
Flexural Strength	2900 psi	20.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	5.6 ft·lb/in	300 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	57	57	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	176 °F	80.0 °C	
264 Psi (1.8 Mpa), Unannealed	124 °F	51.0 °C	

Additional Information			
Ash Content, ASTM D2584: 10%			

Notes

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