

Technical Data Sheet

Accutech CP0436W20L

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Wollastonite (CaSiO ₃), 20% Filler by Weight		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.04	1.04 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	11 g/10 min	11 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	3050 psi	21.0 MPa	
Break	2320 psi	16.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	26 %	26 %	
Flexural Modulus	210000 psi	1450 MPa	ASTM D790
Flexural Strength	3630 psi	25.0 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)	55	55	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	228 °F	109 °C	
264 Psi (1.8 Mpa), Unannealed	133 °F	56.0 °C	

Additional Information			
Ash Content, ASTM D2584: 20%			

Notes

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