

Technical Data Sheet

Accutech CP0436M30CL

Polypropylene Copolymer

LyondellBasell Industries

Engineering Plastics

General			
Filler / Reinforcement	• Mica, 30% Filler by Weight		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.12	1.12 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	9.0 g/10 min	9.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	392000 psi	2700 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3190 psi	22.0 MPa	
Break	2760 psi	19.0 MPa	
Tensile Elongation			ASTM D638
Yield	2.0 %	2.0 %	
Break	8.0 %	8.0 %	
Flexural Modulus	464000 psi	3200 MPa	ASTM D790
Flexural Strength	4500 psi	31.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.4 ft·lb/in	75 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	30	30	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	248 °F	120 °C	
264 Psi (1.8 Mpa), Unannealed	158 °F	70.0 °C	

Additional Information

Ash Content, ASTM D2584: 30%

Notes

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