

Technical Data Sheet

Accutech CP0436M10CL

Polypropylene Copolymer

LyondellBasell Industries

Engineering Plastics

General			
Filler / Reinforcement	• Mica, 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	218000 psi	1500 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3190 psi	22.0 MPa	
Break	2320 psi	16.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	26 %	26 %	
Flexural Modulus	196000 psi	1350 MPa	ASTM D790
Flexural Strength	3920 psi	27.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.0 ft-lb/in	110 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	53	53	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	203 °F	95.0 °C	
264 Psi (1.8 Mpa), Unannealed	131 °F	55.0 °C	

Additional Information

Ash Content, ASTM D2584: 10%

Notes

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