

Technical Data Sheet

Accutech CP0437M40CL

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Mica, 40% Filler by Weight		
Features	• Chemically Coupled		
Forms	• Pellets		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.20	1.20 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	10 g/10 min	10 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	406000 psi	2800 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2760 psi	19.0 MPa	
Break	2610 psi	18.0 MPa	
Tensile Elongation			ASTM D638
Yield	2.0 %	2.0 %	
Break	3.0 %	3.0 %	
Flexural Modulus	551000 psi	3800 MPa	ASTM D790
Flexural Strength	3770 psi	26.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.1 ft·lb/in	60 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	36	36	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	243 °F	117 °C	
264 Psi (1.8 Mpa), Unannealed	154 °F	68.0 °C	

Additional Information			
Ash Content, ASTM D2584: 40%			

Notes

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