

Technical Data Sheet

Accutech CP0437G10M20CL

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight • Mineral, 20% Filler by Weight		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.10	1.10 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	3920 psi	27.0 MPa	
Break	3770 psi	26.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	7.0 %	7.0 %	
Flexural Modulus	421000 psi	2900 MPa	ASTM D790
Flexural Strength	5800 psi	40.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.3 ft·lb/in	130 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	60	60	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	293 °F	145 °C	
264 Psi (1.8 Mpa), Unannealed	203 °F	95.0 °C	

Additional Information			
Ash Content, ASTM D2584: 30%			

Notes

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