

Technical Data Sheet

Accutech CP0437G5M25CL

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 5.0% Filler by Weight	• Mineral, 25% 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)	11 g/10 min	11 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	348000 psi	2400 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3190 psi	22.0 MPa	
Break	2900 psi	20.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	6.0 %	6.0 %	
Flexural Modulus	363000 psi	2500 MPa	ASTM D790
Flexural Strength	4500 psi	31.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.8 ft·lb/in	95 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	271 °F	133 °C	
264 Psi (1.8 Mpa), Unannealed	172 °F	78.0 °C	

Additional Information			
Ash Content, ASTM D2584: 30%			

Notes

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