

Technical Data Sheet

Accutech CP0437G25M5CL

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 25% Filler by Weight • Mineral, 5.0% 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	464000 psi	3200 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	6090 psi	42.0 MPa	
Break	5800 psi	40.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	9.0 %	9.0 %	
Flexural Modulus	508000 psi	3500 MPa	ASTM D790
Flexural Strength	8700 psi	60.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	3.1 ft·lb/in	170 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	75	75	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	307 °F	153 °C	
264 Psi (1.8 Mpa), Unannealed	259 °F	126 °C	

Additional Information			
Ash Content, ASTM D2584: 30%			

Notes

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