

Technical Data Sheet

Accutech CP0437G10CL

Polypropylene Copolymer
 LyondellBasell Industries
 Engineering Plastics

General

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|------------------------|-------------------------------------|
| Filler / Reinforcement | • Glass Fiber, 10% Filler by Weight |
| Forms | • Pellets |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Density / Specific Gravity	0.950	0.948 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	14 g/10 min	14 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Tensile Modulus	247000 psi	1700 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	4350 psi	30.0 MPa	
Break	4060 psi	28.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	7.0 %	7.0 %	
Flexural Modulus	254000 psi	1750 MPa	ASTM D790
Flexural Strength	5800 psi	40.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
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Notched Izod Impact	1.9 ft·lb/in	100 J/m	ASTM D256
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Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
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Rockwell Hardness (R-scale)	76	76	ASTM D785
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Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
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Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	289 °F	143 °C	
264 Psi (1.8 Mpa), Unannealed	172 °F	78.0 °C	

Additional Information

Ash Content, ASTM D2584: 10%

Notes

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