

Technical Data Sheet

# Accutech CP0437W40L

Polypropylene Copolymer  
 LyondellBasell Industries  
 Engineering Plastics

**General**

Filler / Reinforcement	• Wollastonite (CaSiO <sub>3</sub> ), 40% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Density / Specific Gravity	1.24	1.24 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	17 g/10 min	17 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Tensile Modulus	334000 psi	2300 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2030 psi	14.0 MPa	
Break	1890 psi	13.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	10 %	10 %	
Flexural Modulus	305000 psi	2100 MPa	ASTM D790
Flexural Strength	2760 psi	19.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
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Notched Izod Impact	2.6 ft·lb/in	140 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)	43	43	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	212 °F	100 °C	
264 Psi (1.8 Mpa), Unannealed	138 °F	59.0 °C	

**Additional Information**

Ash Content, ASTM D2584: 40%

**Notes**

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