

Technical Data Sheet

# Accutech CP0437W30L1

Polypropylene Copolymer  
 LyondellBasell Industries  
 Engineering Plastics

**General**

Filler / Reinforcement	• Wollastonite (CaSiO <sub>3</sub> ), 30% Filler by Weight
Forms	• Pellets

**Physical**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.13	1.13 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	18 g/10 min	18 g/10 min	ASTM D1238

**Mechanical**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	276000 psi	1900 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2470 psi	17.0 MPa	
Break	2030 psi	14.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	16 %	16 %	
Flexural Modulus	261000 psi	1800 MPa	ASTM D790
Flexural Strength	2900 psi	20.0 MPa	ASTM D790

**Impact**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	3.6 ft·lb/in	190 J/m	ASTM D256

**Hardness**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	47	47	ASTM D785

**Thermal**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	208 °F	98.0 °C	
264 Psi (1.8 Mpa), Unannealed	135 °F	57.0 °C	

**Additional Information**

Ash Content, ASTM D2584: 30%

**Notes**

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