

Technical Data Sheet

# Accutech CP0436M40CL

Polypropylene Copolymer  
LyondellBasell Industries  
Engineering Plastics

**General**

Filler / Reinforcement	Mica, 40% Filler by Weight
Forms	• Pellets

**Physical**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.22	1.22 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	7.0 g/10 min	7.0 g/10 min	ASTM D1238

**Mechanical**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	493000 psi	3400 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3190 psi	22.0 MPa	
Break	3050 psi	21.0 MPa	
Tensile Elongation			ASTM D638
Yield	2.0 %	2.0 %	
Break	5.0 %	5.0 %	
Flexural Modulus	638000 psi	4400 MPa	ASTM D790
Flexural Strength	4500 psi	31.0 MPa	ASTM D790

**Impact**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.0 ft·lb/in	55 J/m	ASTM D256

**Hardness**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	42	42	ASTM D785

**Thermal**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	253 °F	123 °C	
264 Psi (1.8 Mpa), Unannealed	163 °F	73.0 °C	

**Additional Information**

Ash Content, ASTM D2584: 40%

**Notes**

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