

Accucomp CP0404L

Polypropylene Copolymer

LyondellBasell Industries

Engineering Plastics

General			
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.902	0.900 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	15 g/10 min	15 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	162000 psi	1120 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3770 psi	26.0 MPa	
Break	2610 psi	18.0 MPa	
Tensile Elongation			ASTM D638
Yield	6.0 %	6.0 %	
Break	250 %	250 %	
Flexural Modulus	174000 psi	1200 MPa	ASTM D790
Flexural Strength	5080 psi	35.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
0.125 In (3.18 Mm)	2.2 ft·lb/in	120 J/m	
0.250 In (6.35 Mm)	2.3 ft·lb/in	130 J/m	
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	90	90	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	210 °F	99.0 °C	
264 Psi (1.8 Mpa), Unannealed	133 °F	56.0 °C	

Notes

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

