

Accucomp CP0403L

Polypropylene Copolymer

LyondellBasell Industries

Engineering Plastics

General			
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.900	0.898 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	8.0 g/10 min	8.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	167000 psi	1150 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3920 psi	27.0 MPa	
Break	1890 psi	13.0 MPa	
Tensile Elongation			ASTM D638
Yield	7.0 %	7.0 %	
Break	150 %	150 %	
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)	1.8 ft·lb/in	94 J/m	
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	85	85	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	198 °F	92.0 °C	
264 Psi (1.8 Mpa), Unannealed	129 °F	54.0 °C	

Notes

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

