

Accucomp CP0406L

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)	12 g/10 min	12 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	145000 psi	1000 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3340 psi	23.0 MPa	
Break	2470 psi	17.0 MPa	
Tensile Elongation			ASTM D638
Yield	6.0 %	6.0 %	
Break	400 %	400 %	
Flexural Modulus	145000 psi	1000 MPa	ASTM D790
Flexural Strength	4210 psi	29.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	3.4 ft·lb/in	180 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	66	66	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	169 °F	76.0 °C	
264 Psi (1.8 Mpa), Unannealed	118 °F	48.0 °C	

Notes

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

