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Technical Data Sheet

Accucomp CP0400L

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/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	0.50 g/10 min	0.50 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	4210 psi	29.0 MPa	
Break	2900 psi	20.0 MPa	
Tensile Elongation			ASTM D638
Yield	12 %	12 %	
Break	180 %	180 %	
Flexural Modulus	174000 psi	1200 MPa	ASTM D790
Flexural Strength	5220 psi	36.0 MPa	ASTM D790
Impact	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Notched Izod Impact			ASTM D256
0.125 In (3.18 Mm)	19 ft·lb/in	1000 J/m	
0.250 In (6.35 Mm)	14 ft·lb/in	760 J/m	
Hardness	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Rockwell Hardness (R-scale)	70	70	ASTM D785
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	203 °F	95.0 °C	
264 Psi (1.8 Mpa), Unannealed	122 °F	50.0 °C	

Notes

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