

Technical Data Sheet

Accucomp CP0407L

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)	20 g/10 min	20 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	116000 psi	800 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2610 psi	18.0 MPa	
Break	1890 psi	13.0 MPa	
Tensile Elongation			ASTM D638
Yield	6.0 %	6.0 %	
Break	60 %	60 %	
Flexural Modulus	116000 psi	800 MPa	ASTM D790
Flexural Strength	3050 psi	21.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	13 ft·lb/in	670 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	60	60	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	145 °F	63.0 °C	
264 Psi (1.8 Mpa), Unannealed	111 °F	44.0 °C	

Notes

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