

Technical Data Sheet

Accucomp HP0306L

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General

Forms • Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.903	0.901 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	10 g/10 min	10 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	189000 psi	1300 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5220 psi	36.0 MPa	
Break	3190 psi	22.0 MPa	
Tensile Elongation			ASTM D638
Yield	10 %	10 %	
Break	400 %	400 %	
Flexural Modulus	203000 psi	1400 MPa	ASTM D790
Flexural Strength	6090 psi	42.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	0.56 ft·lb/in	30 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	92	92	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	180 °F	82.0 °C	
264 Psi (1.8 Mpa), Unannealed	127 °F	53.0 °C	

Notes

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