

Technical Data Sheet

Accucomp HP0315L

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General

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|----------|------------------------|
| Features | • Heat Aging Resistant |
| Forms | • Pellets |

Physical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.907	0.905 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	164000 psi	1130 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	4790 psi	33.0 MPa	
Break	3630 psi	25.0 MPa	
Tensile Elongation			ASTM D638
Yield	12 %	12 %	
Break	500 %	500 %	
Flexural Modulus	168000 psi	1160 MPa	ASTM D790
Flexural Strength	5370 psi	37.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	0.82 ft·lb/in	44 J/m	ASTM D256

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	97	97	ASTM D785

Thermal

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	185 °F	85.0 °C	
264 Psi (1.8 Mpa), Unannealed	127 °F	53.0 °C	

Flammability

	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.6 Mm))	HB	HB	UL 94

Notes

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