

Technical Data Sheet

Gapex HPP30GR07WH

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General			
Additive	• Heat Stabilizer		
Features	• Chemically Coupled	• Heat Stabilized	
Forms	• Pellets		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.20	1.20 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	4.2 g/10 min	4.2 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (73°F (23°C))	8220 psi	56.7 MPa	ASTM D638
Flexural Modulus - Tangent	725000 psi	5000 MPa	ASTM D790
Flexural Strength	12200 psi	84.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	1.0 ft·lb/in	54 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	307 °F	153 °C	
264 Psi (1.8 Mpa), Unannealed	275 °F	135 °C	

Additional Information			
Tensile/Izod Change, 1,000 hrs @ 150°C, ISO 188: +6/-1			

Notes

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