

Technical Data Sheet

Gapex HPP35GS01BK

Polypropylene
LyondellBasell Industries
Engineering Plastics

General	
Additive	• Heat Stabilizer
Features	• Chemically Coupled • Heat Stabilized
Uses	• Automotive Exterior Parts
Automotive Specifications	• FORD WSB-M4D640-A
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.16 g/cm ³	1.16 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	3.6 g/10 min	3.6 g/10 min	ISO 1133

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield, 73°F (23°C))	6250 psi	43.1 MPa	ISO 527-2
Flexural Modulus - Tangent	537000 psi	3700 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength			ISO 180
-40°F (-40°C)	2.2 ft·lb/in ²	4.7 kJ/m ²	
73°F (23°C)	3.7 ft·lb/in ²	7.8 kJ/m ²	

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			
66 Psi (0.45 Mpa), Unannealed	320 °F	160 °C	ISO 75-2/B
264 Psi (1.8 Mpa), Unannealed	266 °F	130 °C	ISO 75-2/A

Additional Information
Tensile/Izod Change, 1,000 hrs @ 140°C, ISO 188: +8/-3

Notes

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