

Technical Data Sheet

# Gapex HPP40GR09BK

Polypropylene Homopolymer  
 LyondellBasell Industries  
 Engineering Plastics

General			
Additive	• Heat Stabilizer		
Features	• Chemically Coupled	• Heat Stabilized	
Automotive Specifications	• ASTM D4000 PP0110 R40 A23150 AA002 GA125 SA014	• ASTM D5857 PP5540 R40 A35290 YI125	• CHRYSLER MS-DB-500 CPN3758 Color: Black
Forms	• Pellets		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.26	1.26 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	3.9 g/10 min	3.9 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (73°F (23°C))	7270 psi	50.1 MPa	ASTM D638
Flexural Modulus - Tangent	624000 psi	4300 MPa	ASTM D790
Flexural Strength	12300 psi	85.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	0.80 ft-lb/in	43 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	270 °F	132 °C	

Additional Information			
Oxidative Stability, 150°C, ASTM D3012: Pass			

**Notes**

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