

# GAPEX® HPP40GR09BK

Polypropylene Homopolymer

Ferro Corporation

Message:

GAPEX®HPP40GR09BK is a polypropylene homopolymer (PP Homopoly) material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

GAPEX®The main features of the HPP40GR09BK are:

Chemical coupling

heat stabilizer

GAPEX®The typical application fields of HPP40GR09BK are: automobile industry

General Information			
Additive	heat stabilizer		
Features	Chemical coupling		
	Thermal Stability		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.9	g/10 min	ASTM D1238
Molding Shrinkage			ISO 294-4
Vertical flow direction	0.70	%	ISO 294-4
Flow direction	0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	50.1	MPa	ASTM D638
Flexural Modulus - Tangent	4300	MPa	ASTM D790
Flexural Strength	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	153	°C	ASTM D648
1.8 MPa, not annealed	132	°C	ASTM D648
Additional Information			
Oxidative Stability, 150°C, ASTM D3012: Pass			

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Recommended distributors for this material

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