

# GAPEX® HPP40GR28BK

Polypropylene Homopolymer

Ferro Corporation

## Message:

GAPEX®HPP40GR28BK 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 HPP40GR28BK are:

Chemical coupling

heat stabilizer

GAPEX®The typical application fields of HPP40GR28BK are: automobile industry

General Information			
Additive	heat stabilizer		
Features	Chemical coupling		
	Thermal Stability		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.60	%	ASTM D955
Transverse flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	53.2	MPa	ASTM D638
Flexural Modulus - Secant <sup>1</sup>	6010	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Dart Drop Impact	0.470	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	156	°C	ASTM D648
1.8 MPa, not annealed	146	°C	ASTM D648
Additional Information			
Tensile Retention, 240 hrs @ 150°C, ASTM D573: 60.8 hrs.			
NOTE			
1.	1.3 mm/min		

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Recommended distributors for this material

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