

GAPEX® HPP30GR05BK

Polypropylene Homopolymer

Ferro Corporation

Message:

GAPEX®HPP30GR05BK 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 HPP30GR05BK are:

Chemical coupling
heat stabilizer

GAPEX®The typical application fields of HPP30GR05BK are: automobile industry

General Information			
Additive	heat stabilizer		
Features	Chemical coupling		
	Thermal Stability		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.3	g/10 min	ISO 1133
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 Stress (Yield, 23°C)	54.7	MPa	ISO 527-2
Flexural Modulus	4100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-40°C	3.9	kJ/m²	ISO 180
23°C	5.1	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	157	°C	ISO 75-2/B
1.8 MPa, not annealed	138	°C	ISO 75-2/A
Additional Information			

Tensile/Izod Change, 1,000 hrs @ 40°C, ISO 188: +16/+7

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