

GAPEX® HPP30GR20BK

Polypropylene Homopolymer

Ferro Corporation

Message:

GAPEX® HPP30GR20BK is a Polypropylene Homopolymer (PP Homopolymer) material filled with 31% glass\mica. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of GAPEX® HPP30GR20BK are:

Chemically Coupled

Heat Stabilizer

Typical application of GAPEX® HPP30GR20BK: Automotive

General Information			
Filler / Reinforcement	Glass\Mica,31% Filler by Weight		
Additive	Heat Stabilizer		
Features	Chemically Coupled		
	Heat Stabilized		
Uses	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.3	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	0.70	%	
Flow	0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	55.1	MPa	ISO 527-2
Flexural Modulus - Tangent	4400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	3.7	kJ/m ²	
23°C	5.2	kJ/m ²	
Aging	Nominal Value	Unit	Test Method
Change in Tensile Stress (150°C, 1000 hr)	5.0	%	ISO 1817
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	155	°C	ISO 75-2/B
1.8 MPa, Unannealed	136	°C	ISO 75-2/A

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Recommended distributors for this material

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