

# Ferro PP NPP00GD01HB BLACK

Polypropylene

Ferro Corporation

## Message:

Ferro PP NPP00GD01HB BLACK is a polypropylene material that contains a 0.50% filler. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The main characteristics of Ferro PP NPP00GD01HB BLACK are: impact modification.

The typical application field of Ferro PP NPP00GD01HB BLACK is: automotive industry

General Information			
Filler / Reinforcement	Filler, 0.50% filler by weight		
Additive	Impact modifier		
Features	Impact modification		
Uses	Application in Automobile Field		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.5	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.7	%	ASTM D955
Transverse flow	2.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	29.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	150	%	ASTM D638
Flexural Modulus			ASTM D790
1% secant: 23°C	1050	MPa	ASTM D790
Tangent: 23°C	1160	MPa	ASTM D790
Flexural Strength (23°C)	35.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1300	J/m	ASTM D256
Dart Drop Impact (23°C)	32.2	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	93.3	°C	ASTM D648
1.8 MPa, not annealed	48.9	°C	ASTM D648
Additional Information			
Filler Content, ASTM D2584: 0.5%			

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#### Recommended distributors for this material

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