

Ferro PP NPP00GW01BK

Polypropylene
Ferro Corporation

Message:

Ferro PP NPP00GW01BK is a Polypropylene material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary attribute of Ferro PP NPP00GW01BK: Impact Resistant.

Typical application of Ferro PP NPP00GW01BK: Automotive

General Information			
Features	Good Impact Resistance		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.6	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.1	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	9.0	%	
Break	100	%	
Flexural Modulus	965	MPa	ASTM D790
Flexural Strength (Yield)	27.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	53	J/m	
23°C	120	J/m	
Gardner Impact (23°C)	27.1	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	85.0	°C	
1.8 MPa, Unannealed	54.4	°C	

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Recommended distributors for this material

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