

Ferro PP NPP00GX12BK

Polypropylene Copolymer

Ferro Corporation

Message:

Ferro PP NPP00GX12BK is a Polypropylene Copolymer (PP Copolymer) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary attribute of Ferro PP NPP00GX12BK: Copolymer.

General Information			
Features	Copolymer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.9	%	
Across Flow	2.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	19.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	70	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	855	MPa	
Tangent : 23°C	924	MPa	
Flexural Strength (Yield, 23°C)	25.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	590	J/m	ASTM D256
Unnotched Izod Impact (23°C)	No Break		ASTM D256
Gardner Impact	32.2	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	73.9	°C	
1.8 MPa, Unannealed	46.1	°C	

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Recommended distributors for this material

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