

Ferro PP NPP00GC20GY

Polypropylene Homopolymer

Ferro Corporation

Message:

Ferro PP NPP00GC20GY is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary attribute of Ferro PP NPP00GC20GY: Homopolymer.

General Information			
Features	Homopolymer		
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)	6.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	2.0	%	
Across Flow	2.3	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	35.2	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	55	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	1400	MPa	
Tangent : 23°C	1520	MPa	
Flexural Strength (Yield, 23°C)	45.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1100	J/m	ASTM D256
Gardner Impact	1.69	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	104	°C	
1.8 MPa, Unannealed	57.2	°C	

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