

Ferro PP NPP00GT22BK

Polypropylene
Ferro Corporation

Message:

Ferro PP NPP00GT22BK is a Polypropylene material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.
Important attributes of Ferro PP NPP00GT22BK are:
Flame Rated
Flame Retardant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	2.0	%	
Across Flow	2.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	33.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	25	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	1380	MPa	
Tangent : 23°C	1450	MPa	
Flexural Strength (Yield, 23°C)	42.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
Unnotched Izod Impact (23°C)	530	J/m	ASTM D256
Gardner Impact	0.452	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	102	°C	
1.8 MPa, Unannealed	57.2	°C	
Flammability	Nominal Value		Test Method
Flame Rating (0.0625 mm)	V-0		UL 94

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