

Ferro PP NPP00GW31WH

Polypropylene
Ferro Corporation

Message:

Ferro PP NPP00GW31WH is a Polypropylene material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Important attributes of Ferro PP NPP00GW31WH are:

Flame Rated
Impact Modified

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
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)	6.5	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.8	%	
Across Flow	2.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	31.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	50	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	1340	MPa	
Tangent : 23°C	1420	MPa	
Flexural Strength (Yield, 23°C)	41.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256
Unnotched Izod Impact (23°C)	No Break		ASTM D256
Gardner Impact	31.6	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	113	°C	
1.8 MPa, Unannealed	60.0	°C	
RTI Elec (1.59 mm)	65.0	°C	UL 746
RTI Imp (1.59 mm)	65.0	°C	UL 746
RTI Str (1.59 mm)	65.0	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating (0.0625 mm)	HB		UL 94

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Recommended distributors for this material

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