

Ferro PP NPP00GX03WH

Polypropylene Copolymer

Ferro Corporation

Message:

Ferro PP NPP00GX03WH is a polypropylene copolymer (PP Copoly) material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The main characteristics of Ferro PP NPP00GX03WH are copolymer.

General Information			
Features	Copolymer		
Forms	Particle		
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)	0.90	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	2.0	%	ASTM D955
Transverse flow	2.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	28.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	25	%	ASTM D638
Flexural Modulus			ASTM D790
1% secant: 23°C	1050	MPa	ASTM D790
Tangent: 23°C	1250	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	35.9	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
Dart Drop Impact	35.7	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	98.9	°C	ASTM D648
1.8 MPa, not annealed	54.4	°C	ASTM D648
Additional Information			
Filler Content, ASTM D2584: 2%			

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