

Ferro PP NPP00GC25WH

Polypropylene Homopolymer

Ferro Corporation

Message:

Ferro PP NPP00GC25WH 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 NPP00GC25WH: Homopolymer.

General Information			
Features	Homopolymer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	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	1.9	%	
Across Flow	2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	33.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	100	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	1450	MPa	
Tangent : 23°C	1480	MPa	
Flexural Strength (Yield, 23°C)	46.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Unnotched Izod Impact (23°C)	640	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	93.3	°C	
1.8 MPa, Unannealed	57.2	°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

