

Ferro PP NPP00GT17UL WHITE

Polypropylene
Ferro Corporation

Message:

Ferro PP NPP00GT17UL WHITE is a Polypropylene material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of Ferro PP NPP00GT17UL WHITE are:

Flame Rated
Flame Retardant

General Information			
Features	Flame Retardant		
Appearance	White		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.5	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.6	%	
Across Flow	1.8	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	24.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	35	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	1590	MPa	
Tangent : 23°C	1700	MPa	
Flexural Strength (23°C)	37.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
Unnotched Izod Impact (23°C)	480	J/m	ASTM D4812
Gardner Impact (23°C)	1.36	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	60.0	°C	
RTI Elec (1.59 mm)	105	°C	UL 746
RTI Imp (1.59 mm)	105	°C	UL 746
RTI Str (1.59 mm)	105	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	V-0		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

