GAPEX® HPP30GR33NA

Polypropylene Homopolymer

Ferro Corporation

Message:

GAPEX®HPP30GR33NA is a polypropylene homopolymer (PP Homopoly) material that contains 32% glass/mica. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. GAPEX®The main characteristics of the HPP30GR33NA are: chemical coupling.

General Information			
Filler / Reinforcement	Glass/Mica, 32% filler by weight		
Features	Chemical coupling		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.15	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.50	%	ASTM D955
Transverse flow	1.0	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (23°C)	65.5	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.0	%	ASTM D638
Flexural Modulus			ASTM D790
1% secant: 23°C	4500	MPa	ASTM D790
Tangent: 23°C	5030	MPa	ASTM D790
Flexural Strength (23°C)	94.5	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Unnotched Izod Impact (23°C)	350	J/m	ASTM D4812
Dart Drop Impact (23°C)	0.339	J	ASTM D5420
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	154	°C	ASTM D648
1.8 MPa, not annealed	141	°C	ASTM D648
Additional Information			

Testing and measurements were performed at 73 +/-3°F and 50 +/-5% relative humidity unless otherwise noted.

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

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