

GAPEX® APP40GR58NA

Polypropylene Homopolymer

Ferro Corporation

Message:

GAPEX® APP40GR58NA is a polypropylene homopolymer (PP Homopoly) material, which contains 40% glass \minerals. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

GAPEX®The main features of the APP40GR58NA are:

Chemical coupling

Homopolymer

heat stabilizer

General Information			
Filler / Reinforcement	Glass \mineral, 40% filler by weight		
Additive	heat stabilizer		
Features	Chemical coupling		
	Homopolymer		
	Thermal Stability		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.60	%	ASTM D955
Transverse flow	1.1	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	56.5	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.0	%	ASTM D638
Flexural Modulus			ASTM D790
1% secant: 23°C	4590	MPa	ASTM D790
Tangent: 23°C	4900	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	93.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Unnotched Izod Impact (23°C)	320	J/m	ASTM D256
Dart Drop Impact	0.339	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	157	°C	ASTM D648
1.8 MPa, not annealed	141	°C	ASTM D648
Additional Information			

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

