

Mapex AN1721GB

Polyamide 66/6 Copolymer

Ginar Technology Co., LTD.

Message:

Mapex AN1721GB is a Polyamide 66/6 Copolymer (Nylon 66/6) product filled with 35% glass\mineral. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, or North America. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass\Mineral,35% Filler by Weight		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.00 mm)	0.40 to 0.60	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.30	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	93.1	MPa	ASTM D638
Tensile Elongation (Break)	2.6	%	ASTM D638
Flexural Modulus	6890	MPa	ASTM D790
Flexural Strength	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	220	°C	ASTM D648
Peak Melting Temperature	260	°C	ASTM D789
Flammability	Nominal Value	Test Method	
Flame Rating (3.18 mm)	HB	UL 94	

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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



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