

Aplax P0513GN

Polypropylene
Ginar Technology Co., LTD.

Message:
23% Mineral reinforced

General Information			
Filler / Reinforcement	Mineral filler, 25% filler by weight		
Additive	Impact modifier		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Molding Shrinkage - Flow (1.60 mm)	1.1	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.030	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	74		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	35.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	320	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	125	°C	ASTM D648
Melting Temperature	165	°C	ASTM D789
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.794 mm	HB		UL 94
1.59 mm	HB		UL 94
3.18 mm	HB		UL 94
Additional Information			

Notched Izod Impact Strength, ISO 180/1, notch 0.25in: 320 kg cm/cm

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

