

Aplax P1017GN

Polypropylene
Ginar Technology Co., LTD.

Message:

50% Mineral reinforced

General Information			
UL YellowCard	E154352-223879		
Filler / Reinforcement	Calcium Carbonate,50% Filler by Weight		
Features	Fuel Resistant		
	Good Chemical Resistance		
	Good Electrical Properties		
	Good Moldability		
	Good Wear Resistance		
	Good Weather Resistance		
	High Gloss		
	High Heat Resistance		
	Oil Resistant		
	Solvent Resistant		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow (1.60 mm)	1.2	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.030	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.4	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Flexural Modulus	3240	MPa	ASTM D790
Flexural Strength	39.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	135	°C	ASTM D648
Melting Temperature	> 165	°C	ASTM D789

Flammability	Nominal Value	Test Method
Flame Rating		UL 94
0.794 mm	HB	
1.59 mm	HB	
3.20 mm	HB	

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Recommended distributors for this material

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