

Aplax P1017GB

Polypropylene
Ginar Technology Co., LTD.

Message:

Aplax P1017GB is a polypropylene product. It can be processed by injection molding and is available in North America, Africa and the Middle East, Europe or Asia Pacific.

General Information			
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60 - 0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	17.2	MPa	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	34.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	130	°C	ASTM D648
Additional Information			
Ash Content: 50%			
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 100	°C	
Drying Time	2.0	hr	
Suggested Max Moisture	0.10	%	
Suggested Shot Size	40 - 80	%	
Processing (Melt) Temp	180 - 220	°C	
Mold Temperature	70.0 - 90.0	°C	
Back Pressure	15.7 - 17.7	MPa	
Screw Speed	50 - 80	rpm	
Injection instructions			

Injection Pressure: 60 to 80%Injection Speed: 50 to 80%

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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

