

Aplax P2313CN

Polypropylene
Ginar Technology Co., LTD.

Message:

Aplax P2313CN 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	1.01	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	65	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.1 - 1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	21.4	MPa	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	1140	MPa	ASTM D790
Flexural Strength	31.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	54	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°C	ASTM D648
Additional Information			
Ash Content: 15%			
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	60.0 - 80.0	°C	
Back Pressure	15.7 - 17.7	MPa	
Screw Speed	40 - 80	rpm	
Injection instructions			

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

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Recommended distributors for this material

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