

Nypol® PA B3 G60 NTLA010 NT334

Polyamide 6

Petropol Industry and Trade of Polymers LTDA

Message:

Nypol® PA B3 G60 NTLA010 NT334 is a Polyamide 6 (Nylon 6) material filled with 60% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of Nypol® PA B3 G60 NTLA010 NT334 are:

Good Processability

Good Aesthetics

Good Dimensional Stability

High Stiffness

General Information				
Filler / Reinforcement		Glass Fiber,60% Filler by Weight		
Features		Good Dimensional Stability		
		Good Moldability		
		Good Processability		
		High Stiffness		
		Pleasing Surface Appearance		
Appearance		Natural Color		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.63	--	g/cm ³	ISO 1183/A
Molding Shrinkage	0.10	--	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.52	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	20000	15300	MPa	ISO 527-2
Tensile Stress (Yield)	240	160	MPa	ISO 527-2
Tensile Strain (Break)	2.4	3.6	%	ISO 527-2
Flexural Modulus	18800	13000	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact Strength	14	20	kJ/m ²	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	215	--	°C	ISO 75-2/Af
Melting Temperature	220	--	°C	ISO 11357-3
Injection	Dry	Unit		
Drying Temperature	90.0	°C		
Drying Time	3.0	hr		

Rear Temperature	220	°C
Middle Temperature	230	°C
Front Temperature	240	°C
Nozzle Temperature	235	°C
Mold Temperature	80.0	°C

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Recommended distributors for this material

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