

Nypol® PA A3 T25 CNZ0093 NR330

Polyamide 66

Petropol Industry and Trade of Polymers LTDA

Message:

Polyamide 6.6 in gray color with 25% of mineral reinforced, resistance to hydrolysis and UV. Good set of thermal properties, electrical and mechanical. Ideal pair injection molding.

General Information				
Filler / Reinforcement	Mineral,25% Filler by Weight			
Features	Good UV Resistance			
	Hydrolysis Resistant			
Appearance	Grey			
Processing Method	Injection Molding			
Resin ID (ISO 1043)	>PA 66 MD25<			
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.29	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.80 to 1.0	--	%	ASTM D955
Water Absorption (Equilibrium)	2.1	--	%	ASTM D570
Ash Content	23 to 27	--	%	ASTM D2584
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength	80.0	60.0	MPa	ASTM D638
Tensile Elongation (Break)	10	20	%	ASTM D638
Flexural Modulus	3900	3400	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact	50	50	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	80.0	--	°C	ASTM D648
Melting Temperature	250 to 265	--	°C	ASTM D2117
Flammability	Dry	Conditioned	Test Method	
Flame Rating	HB	--	UL 94	
Injection	Dry	Unit		
Drying Temperature	90.0		°C	
Drying Time	3.0		hr	
Suggested Max Moisture	0.20		%	
Processing (Melt) Temp	280 to 300		°C	
Mold Temperature	70.0 to 110		°C	

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Recommended distributors for this material

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