

# Nypol® PA A3 T40 VRD0240 NR373

Polyamide 66

Petropol Industry and Trade of Polymers LTDA

Message:

Nypol® PA A3 T40 VRD0240 NR373 is a Polyamide 66 (Nylon 66) material filled with 40% talc. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of Nypol® PA A3 T40 VRD0240 NR373 are:

Flame Rated

Lubricated

General Information			
Filler / Reinforcement	Talc,40% Filler by Weight		
Additive	Lubricant		
Features	Lubricated		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.90 to 1.0	%	ASTM D955
Water Absorption (24 hr)	1.3	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	85.0	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	5100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Melting Temperature	260	°C	ASTM D2117
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	3.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	260 to 280	°C	
Mold Temperature	70.0 to 100	°C	

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Recommended distributors for this material

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