

# Petrotene® PP A3 T10 NTLA010 PH374 MSP

Polypropylene Homopolymer

Petropol Industry and Trade of Polymers LTDA

## Message:

Petrotene® PP A3 T10 NTLA010 PH374 MSP is a Polypropylene Homopolymer (PP Homopolymer) material filled with 10% talc. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding. Primary attribute of Petrotene® PP A3 T10 NTLA010 PH374 MSP: Good Dimensional Stability.

General Information			
Filler / Reinforcement	Talc,10% Filler by Weight		
Features	Good Dimensional Stability		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00 to 1.02	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	4.0 to 8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.3 to 1.5	%	ASTM D955
Water Absorption (Equilibrium)	0.050	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	31.0	MPa	ASTM D638
Tensile Elongation (Break)	26	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	45.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	22	J/m	ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	200 to 230	°C	
Mold Temperature	50.0 to 60.0	°C	

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## Recommended distributors for this material

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