

Nypol® PA C3 T30 NTLA010 NS304

Polyamide 66/6 Copolymer

Petropol Industry and Trade of Polymers LTDA

Message:

Nypol® PA C3 T30 NTLA010 NS304 is a Polyamide 66/6 Copolymer (Nylon 66/6) material filled with 30% talc. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.

General Information				
Filler / Reinforcement		Talc,30% Filler by Weight		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.38	--	g/cm ³	ISO 1183/A
Molding Shrinkage - Flow	0.30 to 0.60	--	%	ASTM D955
Water Absorption (23°C, 24 hr)	1.1	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	7400	4000	MPa	ISO 527-2
Tensile Stress (Yield)	85.0	55.0	MPa	ISO 527-2
Tensile Strain (Break)	6.0	> 50	%	ISO 527-2
Flexural Modulus	6000	2600	MPa	ISO 178
Flexural Stress	140	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	5.0	10	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	50	--	kJ/m ²	ISO 179
Injection	Dry	Unit		
Drying Temperature	90.0		°C	
Drying Time	2.0		hr	
Rear Temperature	240 to 260		°C	
Middle Temperature	250 to 270		°C	
Front Temperature	260 to 280		°C	
Mold Temperature	60.0 to 80.0		°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

