

# Nypol® PA A3 T25 FR CNZ0093 NR328

Polyamide 66

Petropol Industry and Trade of Polymers LTDA

## Message:

Nypol® PA A3 T25 FR CNZ0093 NR328 is a Polyamide 66 (Nylon 66) material filled with 25% mineral. It is available in Asia Pacific, Asia Pacific, Europe, Europe, Latin America, Latin America, North America, or North America for injection molding.

Important attributes of Nypol® PA A3 T25 FR CNZ0093 NR328 are:

Flame Rated

Good UV Resistance

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 <sup>3</sup>	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	60	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	V-0	--	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
------------------	-------------	----

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### 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

