

Nypol® PA A3 M3 TZ NTLA014 NR352 MSP

Polyamide 66

Petropol Industry and Trade of Polymers LTDA

Message:

Polyamide 6.6 lubricated with molybdenum disulfide, excellent abrasion resistance and power slider, naturally lead-gray. Applications: Bushings, gears, semi-finished machines.

General Information				
Additive	Molybdenum Disulfide Lubricant			
Features	Good Abrasion Resistance			
	Lubricated			
Uses	Bushings			
	Gears			
Appearance	Grey			
Resin ID (ISO 1043)	>PA 6.6<			
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.08 to 1.10	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.5 to 2.0	--	%	ASTM D955
Water Absorption (Equilibrium)	1.2	--	%	ASTM D570
Ash Content	2.5 to 3.0	--	%	ASTM D2584
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength	85.0	55.0	MPa	ASTM D638
Tensile Elongation (Break)	30	40	%	ASTM D638
Flexural Modulus	2900	1200	MPa	ASTM D790
Flexural Strength	100	65.0	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact	50	> 100	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	68.0	--	°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	
Processing (Melt) Temp	260 to 280		°C	

Mold Temperature	70.0 to 90.0	°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

