

Nypol® PA B3 HV400 M3 NTLA014 NT366 MSP

Polyamide 6

Petropol Industry and Trade of Polymers LTDA

Message:

Polyamide 6 high viscosity ideal for extrusion oiled of molybdenum disulfide, with propriety thermal excellent, electrical and mechanical.

General Information			
Additive	Molybdenum Disulfide Lubricant		
Features	Good Electrical Properties		
	High Viscosity		
	Lubricated		
Processing Method	Extrusion		
Resin ID (ISO 1043)	>PA 6 M3<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13 to 1.14	g/cm³	ASTM D792
Water Absorption (Saturation)	1.7 to 1.9	%	ASTM D570
Relative Viscosity - M-Cresol	4.02 to 4.22		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	85.0	MPa	ASTM D638
Tensile Elongation (Break)	> 220	%	ASTM D638
Flexural Modulus	2900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	7.60	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	68.0	°C	ASTM D648
Melting Temperature	215 to 220	°C	ASTM D2117
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	220 to 240	°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

