

Nypol® PA A3 T40 PRTA011 NR321

Polyamide 66

Petropol Industry and Trade of Polymers LTDA

Message:

Polyamide 6.6 in black color with 40% of mineral reinforced. Ideal for injection molding, good set of thermal properties, electrical and mechanical.

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Appearance	Black		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	>PA MD40<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.90 to 1.0	%	ASTM D955
Water Absorption (Equilibrium)	1.3	%	ASTM D570
Ash Content	38 to 42	%	ASTM D2584
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	85.0	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	5100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Melting Temperature	250 to 265	°C	ASTM D2117
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	3.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	260 to 280	°C	
Mold Temperature	70.0 to 100	°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

