Nypol® PA A3 G33 HS NTLA013 NR307

Polyamide 66

Petropol Industry and Trade of Polymers LTDA

Message:

Nylon 6.6 natural reinforced with 33% fiberglass, thermally stable, good set of thermal and mechanical properties.
Ideal for injection molding.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Features	Good Thermal Stability		
Appearance	Natural Color		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	>PA 66 GF33<		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.38	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.70	%	ASTM D955
Water Absorption (24 hr)	1.3	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	140	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	10000	MPa	ASTM D790
Flexural Strength	238	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	80	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	238	°C	ASTM D648
Melting Temperature	260 to 265	°C	ASTM D2117
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity	1.0E+14	ohms·cm	ASTM D257
Flammability	**Nominal Value**	**Unit**	**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	

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