

Nypol® PA A3 G33 PRTA011 NR305

Polyamide 66

Petropol Industry and Trade of Polymers LTDA

Message:

Polyamide 6.6 natural reinforced with 15% glass fiber, good set of thermal and mechanical properties. Ideal for injection molding.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Appearance	Natural Color		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	>PA 66 GF33<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37 to 1.39	g/cm ³	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
Peak Melting Temperature	255	°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	80.0	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.20	%	
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.

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

