

Nypol® PA A3 G30 HS UV RH AMLA144 NR450

MSP

Polyamide 66

Petropol Industry and Trade of Polymers LTDA

Message:

Polyamide 6.6 with 30% glass fiber in yellow RAL 1023 as QK003000 QK3013H type, heat stabilizers, UV resistant and resistant to hydrolysis. Good set of thermal properties, electrical and mechanical. Ideal for injection molding.

General Information				
Additive	Heat Stabilizer			
	Hydrolysis Resistant			
	UV Stabilizer			
Features	Good Electrical Properties			
	Good UV Resistance			
	Heat Stabilized			
	Hydrolysis Resistant			
Appearance	Yellow			
Processing Method	Injection Molding			
Resin ID (ISO 1043)	>PA 6.6 GF30<			
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.34 to 1.38	--	g/cm ³	ASTM D792
Water Absorption				ASTM D570
Saturation	6.0	--	%	
Equilibrium	1.9	--	%	
Ash Content	27 to 33	--	%	ASTM D2584
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	8600	6600	MPa	ASTM D638
Tensile Strength				ASTM D638
Break	143	121	MPa	
--	200	135	MPa	
Tensile Elongation (Break)	3.2	5.0	%	ASTM D638
Flexural Modulus	12200	6500	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Unnotched Izod Impact (Area)				ASTM D256
-30°C	47.0	50.0	kJ/m ²	
23°C	55.0	60.0	kJ/m ²	

Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	260	--	°C	
1.8 MPa, Unannealed	250	--	°C	
Melting Temperature	250 to 265	--	°C	ASTM D2117
Injection	Dry	Unit		
Drying Temperature	90.0		°C	
Drying Time	4.0		hr	
Processing (Melt) Temp	270 to 285		°C	
Mold Temperature	80.0 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

