

Nypol® PA A3 D15 TZ CNZ0311 NR388

Polyamide 66

Petropol Industry and Trade of Polymers LTDA

Message:

Polyamide 6.6 in color gray reinforced with 15% of aluminium silicate, modified the impact, good set of thermal and mechanical properties. Ideal for injection molding.

General Information				
Filler / Reinforcement		Aluminum Silicate,15% Filler by Weight		
Additive		Impact Modifier		
Features		Impact Modified		
Appearance		Grey		
Processing Method		Injection Molding		
Resin ID (ISO 1043)		>PA 6.6 GF15<		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.19 to 1.21	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60 to 0.90	--	%	ASTM D955
Water Absorption (Equilibrium)	1.3	--	%	ASTM D570
Ash Content	13 to 17	--	%	ASTM D2584
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength	110	78.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	7.0	%	ASTM D638
Flexural Modulus	4600	2500	MPa	ASTM D790
Flexural Strength	150	100	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact	60	80	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	238	--	°C	ASTM D648
Melting Temperature	250 to 265	--	°C	ASTM D2117
Electrical	Dry	Conditioned	Unit	Test Method
Volume Resistivity	1.0E+14	1.0E+13	ohms·cm	ASTM D257
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating	HB	--		UL 94
Injection	Dry	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

