

OXNILON 66 15 PTFE 30GF

Polyamide 66
Oxford Polymers

Message:

OXNILON 66 15 PTFE 30GF is a Polyamide 66 (Nylon 66) material filled with 30% glass fiber. It is available in North America for injection molding. Important attributes of OXNILON 66 15 PTFE 30GF are:
Good Mold Release
Heat Stabilizer
Lubricated
Mold Release Agent

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
	Mold Release		
	PTFE Lubricant (15%)		
Features	Good Mold Release		
	Heat Stabilized		
	Lubricated		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.20	%	ASTM D955
Water Absorption (Saturation)	5.2	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	159	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	8270	MPa	ASTM D790
Flexural Strength	234	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	91	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	249	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Rear Temperature	271 to 293	°C	

Middle Temperature	293 to 316	°C
Front Temperature	293 to 316	°C
Nozzle Temperature	291 to 313	°C
Processing (Melt) Temp	293 to 316	°C
Mold Temperature	43.3 to 104	°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

