

## Oxford Polymers Oxnilon 66-ST-30GF 30% Glass Fiber Reinforced, Impact Modified Nylon 66 for Injection Molding

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 30% Glass Fiber Filled

### Material Notes:

30% Glass Fiber Reinforced, Impact Modified Nylon 66 for Injection Molding Information provided by Oxford Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Oxford-Polymers-Oxnilon-66-ST-30GF-30-Glass-Fiber-Reinforced-Impact-Modified-Nylon-66-for-Injection-Molding.php](http://www.lookpolymers.com/polymer_Oxford-Polymers-Oxnilon-66-ST-30GF-30-Glass-Fiber-Reinforced-Impact-Modified-Nylon-66-for-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	ASTM D792
Filler Content	30 %	30 %	
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	110 MPa	16000 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Modulus	4.83 GPa	700 ksi	ASTM D790
Izod Impact, Notched	2.14 J/cm @Temperature 23.0 °C	4.00 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	255 °C	491 °F	
Deflection Temperature at 1.8 MPa (264 psi)	250 °C	482 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	293 - 302 °C	560 - 575 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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