

## Oxford Polymers Oxnilon 66-4IMP Impact Modified Nylon 66 for Injection Molding

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Impact Grade

### Material Notes:

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-66-4IMP-Impact-Modified-Nylon-66-for-Injection-Molding.php](http://www.lookpolymers.com/polymer_Oxford-Polymers-Oxnilon-66-4IMP-Impact-Modified-Nylon-66-for-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	51.7 MPa	7500 psi	ASTM D638
Elongation at Break	250 %	250 %	ASTM D638
Flexural Modulus	1.21 GPa	175 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	254 °C	490 °F	
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C	167 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	282 - 293 °C	540 - 560 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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