

## Oxford Polymers Oxnilon 66-15-IMP 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-66-15-IMP-Impact-Modified-Nylon-66-for-Injection-Molding.php](http://www.lookpolymers.com/polymer_Oxford-Polymers-Oxnilon-66-15-IMP-Impact-Modified-Nylon-66-for-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792
Linear Mold Shrinkage	0.020 cm/cm	0.020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	51.7 MPa	7500 psi	ASTM D638
Elongation at Break	210 %	210 %	ASTM D638
Flexural Modulus	1.69 GPa	245 ksi	ASTM D790
Izod Impact, Notched	8.01 J/cm @Temperature 23.0 °C	15.0 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)	71.1 °C	160 °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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