

## Diamond Polymers NYLON 6604 HS Impact Modified, Heat Stabilized

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

**Material Notes:**

Information Provided by Diamond Polymers, Inc. & Network Polymers, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Diamond-Polymers-NYLON-6604-HS-Impact-Modified-Heat-Stabilized.php](http://www.lookpolymers.com/polymer_Diamond-Polymers-NYLON-6604-HS-Impact-Modified-Heat-Stabilized.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792
Linear Mold Shrinkage	0.012 cm/cm @Thickness 3.17 mm	0.012 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM D638
Elongation at Break	50 %	50 %	ASTM D638
Flexural Modulus	1.795 GPa	260.3 ksi	ASTM D790
Izod Impact, Notched	1.60 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	3.00 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	252 °C	486 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ASTM D648

### Contact Songhan Plastic Technology Co.,Ltd.

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