

## Asia International Enterprise (Hong Kong) ST6010 Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

### Material Notes:

Information provided by Asia International Enterprise (Hong Kong) Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Asia-International-Enterprise-Hong-Kong-ST6010-Nylon-66.php](http://www.lookpolymers.com/polymer_Asia-International-Enterprise-Hong-Kong-ST6010-Nylon-66.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc @Temperature 23.0 °C	1.08 g/cc @Temperature 73.4 °F	ASTM D792
Filler Content	0.00 %	0.00 %	
Linear Mold Shrinkage	0.010 - 0.018 cm/cm	0.010 - 0.018 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	122	122	ASTM D785
Tensile Strength, Ultimate	78.5 MPa	11400 psi	5mm/min; ASTM D638
Elongation at Break	120 %	120 %	5mm/min; ASTM D638
Flexural Strength	118 MPa	17100 psi	2.8mm/min; ASTM D790
Flexural Modulus	1.86 GPa	270 ksi	2.8mm/min; ASTM D790
Izod Impact, Notched	1.47 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	2.76 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	200 °C	392 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	ASTM D648
Flammability, UL94	HB	HB	

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	240 - 280 °C	464 - 536 °F	Cylinder Temperature
Mold Temperature	50.0 - 90.0 °C	122 - 194 °F	
Drying Temperature	80.0 - 90.0 °C	176 - 194 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China