

## NYCOA 2263 Copolymer Nylon Alloy

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

**Material Notes:**

monofilament weed eater, fishing lineInformation provided by NYCOA, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NYCOA-2263-Copolymer-Nylon-Alloy.php](http://www.lookpolymers.com/polymer_NYCOA-2263-Copolymer-Nylon-Alloy.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ISO 176

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	58.0 MPa	8410 psi	ISO METHOD 527
Elongation at Break	>= 500 %	>= 500 %	ISO METHOD 527
Flexural Yield Strength	18.0 MPa	2610 psi	ISO METHOD 176
Flexural Modulus	0.345 GPa	50.0 ksi	ISO METHOD 178
Izod Impact, Notched	2.79 J/cm	5.23 ft-lb/in	ISO METHOD 180

Thermal Properties	Metric	English	Comments
Melting Point	192 °C	378 °F	ISO METHOD 3146C

Processing Properties	Metric	English	Comments
Processing Temperature	250 °C	482 °F	
Rear Barrel Temperature	200 °C	392 °F	
Middle Barrel Temperature	230 °C	446 °F	
Front Barrel Temperature	250 °C	482 °F	
Drying Temperature	76.0 °C	169 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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