

## PolyOne Edgetek® NJ-30GF/000 natural Polyamide 12 (Nylon 12)

Category : Polymer , Thermoplastic , Nylon , Nylon 12

### Material Notes:

The Edgetek® Engineering Thermoplastic Compounds portfolio covers a broad range of standard and custom-formulated high performance materials. This portfolio includes high-temperature materials for elevated service temperature environments, high-modulus / structural materials for load-bearing and high-strength applications and flame-retardant products. These compounds are based on selected engineering thermoplastic resins that are compounded with reinforcing additives such as carbon fiber, glass fiber and glass beads. Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Edgetek-NJ-30GF000-natural-Polyamide-12-Nylon-12.php](http://www.lookpolymers.com/polymer_PolyOne-Edgetek-NJ-30GF000-natural-Polyamide-12-Nylon-12.php)

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.0023 cm/cm	0.0023 in/in	ISO 294-4
Ash	30 %	30 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	106 MPa	15400 psi	ISO 527-2
Elongation at Break	2.5 %	2.5 %	ISO 527-2
Tensile Modulus	6.68 GPa	969 ksi	ISO 527-2
Charpy Impact Unnotched	5.00 J/cm <sup>2</sup> @Temperature 23.0 °C	23.8 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179
Charpy Impact, Notched	0.840 J/cm <sup>2</sup> @Temperature 23.0 °C	4.00 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179

Descriptive Properties	Value	Comments
Features	General Purpose	
Filler / Reinforcement	Glass Fiber Reinforcement, 30% Filler by Weight	
Forms	Pellets	
Generic Material	Nylon 12	
Generic Name	Polyamide 12 (Nylon 12)	
Regional Availability	North America	

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