

PolyOne Edgetek® NJ-000/000 Nylon 12 (discontinued **)

Category : Polymer , Thermoplastic , Nylon , Nylon 12

Material Notes:

Description/Features:General Purpose GradeHeat StabilizedHigh FlowUL 94 HBProcessing Method:Injection MoldingPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Edgetek-NJ-000000-Nylon-12-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 g/cc	ASTM D792
Water Absorption	0.80 %	0.80 %	24 hr. Immersion; ASTM D570
Water Absorption at Saturation	1.5 %	1.5 %	Long-Term Immersion; ASTM D570
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	53.8 MPa	7800 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	250 %	250 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	5.45 MPa	790 psi	ASTM D790
Flexural Modulus	1.42 GPa	206 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	0.900 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	143 °C	290 °F	Annealed, 0.125 in bars; ASTM D648

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	232 °C	450 °F	Molding
Drying Temperature	54.4 °C	130 °F	

Dry Time Processing Properties	2 hour Metric	2 hour English	Comments
Descriptive Properties		Value	Comments
Product Form		Pellets	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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