

NYCOA 2011 Copolymer Nylon

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Impact Grade

Material Notes:impact resistant, exceptional toughness and flexibility, flexible tubing & fishing line
Information provided by NYCOA, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NYCOA-2011-Copolymer-Nylon.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	57.0 MPa	8270 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Flexural Yield Strength	22.0 MPa	3190 psi	ASTM D790
Flexural Modulus	0.468 GPa	67.9 ksi	ASTM D790
Izod Impact, Notched	1.75 J/cm	3.28 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	205 °C	401 °F	ASTM D789

Processing Properties	Metric	English	Comments
Processing Temperature	250 °C	482 °F	
Rear Barrel Temperature	210 °C	410 °F	
Middle Barrel Temperature	230 °C	446 °F	
Front Barrel Temperature	250 °C	482 °F	
Drying Temperature	76.0 °C	169 °F	

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