

NYCOA 2366 Plasticized Copolyamide TPE

Category : Polymer , Thermoplastic , Elastomer, TPE , Nylon

Material Notes:

NYCOA 2366 is an extremely flexible and transparent Nylon copolymer specifically developed for extrusion applications such as high-end fishing line, and flexible tubing. NYCOA 2366 possesses an extremely high degree of softness, flexibility, and transparency compared to standard monofilament grade nylons. NYCOA 2366 can be easily extruded on most equipment. This product is available in heat and light stable grades. Information provided by Nycoa, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NYCOA-2366-Plasticized-Copolyamide-TPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792
Water Absorption	1.7 %	1.7 %	24 hours; ASTM D570
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.014 cm/cm	0.014 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ASTM D2240
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM D638
Elongation at Break	700 %	700 %	ASTM D638
Flexural Strength	14.0 MPa	2030 psi	ASTM D790
Flexural Modulus	0.250 GPa	36.3 ksi	ASTM D790
Izod Impact, Notched	8.00 J/cm	15.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	201 °C	394 °F	ASTM D789

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

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