

NYCOA 2237 Copolymer Nylon 6/66 Alloy

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

Material Notes:transparent molding and extrusion grade
Information provided by NYCOA, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NYCOA-2237-Copolymer-Nylon-666-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ISO 1183-A
Water Absorption	1.6 %	1.6 %	ISO METHOD 62
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.0 MPa	10900 psi	ISO METHOD 527
Elongation at Break	>= 250 %	>= 250 %	ISO METHOD 527
Flexural Yield Strength	89.0 MPa	12900 psi	ISO METHOD 176
Flexural Modulus	2.261 GPa	327.9 ksi	ISO METHOD 178
Izod Impact, Notched	0.700 J/cm	1.31 ft-lb/in	ISO METHOD 180

Thermal Properties	Metric	English	Comments
Melting Point	197 °C	387 °F	ISO METHOD 3146C

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

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	
Nozzle Temperature	250 °C	482 °F	
Mold Temperature	80.0 °C	176 °F	

Drying Temperature
Processing Properties

76.0 °C
Metric

169 °F
English

Comments

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