

NYCOA 2001 PA 6

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

Material Notes:

high melt strength general extrusion and molding grade of nylon 6 Information provided by NYCOA, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NYCOA-2001-PA-6.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ISO 1183-A
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.0 MPa	7400 psi	ISO METHOD 527
Elongation at Break	>= 100 %	>= 100 %	ISO METHOD 527
Flexural Modulus	1.85 GPa	268 ksi	ISO METHOD 178
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ISO METHOD 180

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	ISO METHOD 3146C

Processing Properties	Metric	English	Comments
Processing Temperature	250 °C	482 °F	
Rear Barrel Temperature	215 °C	419 °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	76.0 °C	169 °F	

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