

NYCOA 567 PA 6

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

Material Notes:

plasticized general purpose molding and extrusion grade used in shoe heels and mono.Information provided by NYCOA, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NYCOA-567-PA-6.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ISO 1183-A
Water Absorption	3.1 %	3.1 %	ISO METHOD 62
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	66.0 MPa	9570 psi	ISO METHOD 527
Elongation at Break	>= 300 %	>= 300 %	ISO METHOD 527
Flexural Yield Strength	47.0 MPa	6820 psi	ISO METHOD 178
Flexural Modulus	0.965 GPa	140 ksi	ISO METHOD 178
Izod Impact, Notched	1.56 J/cm	2.92 ft-lb/in	ISO METHOD 180

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ISO METHOD 3146C

Processing Properties	Metric	English	Comments
Processing Temperature	250 °C	482 °F	
Rear Barrel Temperature	220 °C	428 °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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