

## NYCOA 400 PA 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Nucleated

**Material Notes:**

nucleated general molding grade information provided by NYCOA, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NYCOA-400-PA-6.php](http://www.lookpolymers.com/polymer_NYCOA-400-PA-6.php)

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in <sup>3</sup>	ASTM D792
Water Absorption	1.9 %	1.9 %	ASTM D570
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	118	118	ASTM D785
Tensile Strength, Yield	86.0 MPa	12500 psi	ASTM D638
Elongation at Break	>= 35 %	>= 35 %	ASTM D638
Flexural Modulus	2.69 GPa	390 ksi	ASTM D790
Izod Impact, Notched	0.430 J/cm	0.806 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	ASTM D789

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	

**Contact Songhan Plastic Technology Co.,Ltd.**

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