

NYCOA 589 PA 6

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

Material Notes:

FDA approved molding, extrusion and blown film grade Information provided by NYCOA, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NYCOA-589-PA-6.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ASTM D792
Water Absorption	1.7 %	1.7 %	ASTM D570
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	119	119	ASTM D785
Tensile Strength, Yield	80.0 MPa	11600 psi	ASTM D638
Elongation at Break	>= 100 %	>= 100 %	ASTM D638
Flexural Yield Strength	96.0 MPa	13900 psi	ASTM D790
Flexural Modulus	2.455 GPa	356.1 ksi	ASTM D790
Izod Impact, Notched	0.750 J/cm	1.41 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °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.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China