

NYCOA 2366

Plasticized Copolyamide TPE

NYCOA 2366 is an extremely flexible and transparent Nylon copolymer specifically developed for extrusion applications such as high-end fishing line, and flexible tubing.

NYCOA 2366 possesses an extremely high degree of softness, flexibility, and transparency compared to standard monofilament grade nylons.

NYCOA 2366 can be easily extruded on most equipment. This product is available in heat and light stable grades.

Property	Method	English		SI	
		Unit	Value	Unit	Value
Physical Properties					
Specific Gravity	D 792	-	1.08	-	1.08
Water Absorption, 24 hr	D 570	%	1.7	%	1.7
Linear Mold Shrinkage (Parallel)	D 955	%	1.2	%	1.2
Linear Mold Shrinkage (Normal)	D 955	%	1.4	%	1.4
Mechanical Properties					
Shore Durometer	D 2240	D	60	D	60
Tensile Strength	D 638	psi	8,700	MPa	60
Ultimate Elongation	D 638	%	700	%	700
Flexural Modulus	D 790	psi	36,250	MPa	250
Flexural Strength	D 790	psi	2,000	MPa	14
Notched Izod Impact	D 256	ft.lbs./in	16.1	J/m	800
Thermal Properties					
Melting Temperature	D 789	°F	398	°C	201
<small>All test specimens tested in "dry" state – less than 0.3% moisture. Izod Impact – ½" x ¼" bars. All tensile properties obtained at a testing speed of 50 mm./min.</small>					
<small>The information contained herein is based upon data believed to be thoroughly reliable. However, due to the many uses to which this material is put, and the different equipment and techniques used, we cannot guarantee results in specific instances. Nor should any statement herein be construed as a recommendation to use our products in the infringement of a patent.</small>					