

NYCOA 2263
Plasticized Copolyamide

NYCOA 2263 is a modified nylon copolymer that features outstanding flexibility and toughness.

This resin has been developed for extrusion applications that demand high tenacity and strength, with ease of processability.

Typical applications include lawn & garden monofilament and fishing line.

Property	Method	English		SI	
		ASTM	Unit	Value	Unit
Physical Properties					
Specific Gravity	D 792	-	1.13	-	1.13
Mechanical Properties					
Tensile Strength	D 638	psi	8,400	MPa	58
Ultimate Elongation	D 638	%	500+	%	500+
Flexural Modulus	D 790	psi	50,000	MPa	345
Flexural Strength	D 790	psi	2,600	MPa	18
Notched Izod Impact	D 256	ft.lbs./in.	5.20	J/m	279
Thermal Properties					
Melting Temperature	D 789	°F	378	°C	192

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.

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.