NYCOA Polyamide 2063

Polyamide 66/6 Copolymer

Nycoa (Nylon Corporation of America)

Message:

NYCOA 2063 is a Nylon copolymer suitable for injection molding and extrusion. This copolymer offers an excellent balance of mechanical properties and outstanding processability.
Its lower melting point, greater flexibility, and lower crystallinity than standard nylon resins, makes it ideal for a variety of extrusion applications. In addition, the high relative viscosity provides excellent melt strength and toughness after process
NYCOA 2063 complies with all the requirements of the FDA regulations 21 CFR 177.1500.
NYCOA 2063 typical applications include barrier films and tubing.

General Information	
Features	Copolymer Workability, good Good melt strength Good flexibility Good toughness Medium and high viscosity
Uses	Films Pipe fittings
Agency Ratings	FDA 21 CFR 177.1500
Forms	Particle
Processing Method	Extrusion Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm³	ASTM D792
Water Absorption (24 hr)	1.7	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1]	72.4	MPa	ASTM D638
Tensile Elongation [2] (Break)	200	%	ASTM D638
Flexural Modulus [3]	2370	MPa	ASTM D790
Flexural Strength [4]	89.6	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (6.35 mm)	40	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature	199	°C	DSC

Additional Information
Relative Viscosity, NYCOA Method: 3.5 SAVWater Extractable, NYCOA Method: 0.8 %Tensile Elongation at Break, ASTM D638, 2 in/min: 200 +%The value listed as Melting Point DSC, was tested in accordance with ASTM D789.

NOTE	
1.	51 mm/min
2.	51 mm/min
3.	51 mm/min
4.	51 mm/min

Recommended distributors for this material

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WECHAT