

NYCOA Polyamide 715

Polyamide 6

Nycoa (Nylon Corporation of America)

Message:

NYCOA 715 is an unextracted, medium - high viscosity Nylon 6 resin for extrusion processing. The medium - high viscosity of the resin makes it suitable for tubing, complex profile extrusion, mandrel extrusion applications.

NYCOA 715 is available with custom additive packages: heat stabilizer, UV stabilizer, flame retardant and/or custom colors.

Typical applications include profile extrusion, flexible tubing, and mandrels.

General Information	
Features	Medium and high viscosity
Uses	Pipe fittings
	Profile
Appearance	Available colors
Forms	Particle
Processing Method	Extrusion
	Profile extrusion molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Water Absorption (24 hr)	2.0	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	50.0	MPa	ASTM D638
Tensile Elongation ² (Break)	200	%	ASTM D638
Flexural Modulus ³	793	MPa	ASTM D790
Flexural Strength ⁴	34.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	163	°C	ASTM D648
Melting Temperature	221	°C	DSC

Additional Information	
The value listed as Melting Point DSC, was tested in accordance with ASTM D789.Relative Viscosity, NYCOA method: 4.0 to 4.4 SAVWater Extracable, NYCOA method: 8 to10%Tensile Elongation at Break, ASTM D638, 2 in/min: 200+%	

NOTE	
1.	50 mm/min
2.	50 mm/min
3.	50 mm/min
4.	50 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

