

## NYLAPRO® TYPE 6/12 MONOMER CAST NYLON GENERAL PHYSICAL PROPERTIES

Product Information For:  
**NYLAPRO® 6000** (APPROXIMATE VALUES)

Specific Gravity	1.17	g/cm <sup>3</sup>
Compressive Strength @ 10% Deflection	15,300	(psi)
Compressive Modulus	336,000	(psi)
Izod Impact St.	2.3	ft. lb/in.
Shear Strength	6,300	(psi)
Coefficient of Friction	.3	(dry vs. Steel)
24 Hour H <sub>2</sub> O	0.8	%
Hardness	78	(Scale D)
Coefficient of Thermal Expansion	5.8 x 10 <sup>(-5)</sup>	in./in./°F
Temperature - Continuous	250 – 300	°F

All NYLAPRO Material is certified to conform with ASTM - D5989 Specification.

NYLAPRO Natural meets requirements for 21 CFR 177.1500 of the U.S. FDA.

Above values are intended for guidance to material selection only. As with any new application, NYLAPRO recommends testing in actual application prior to specification.

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**MEETING TODAY'S CAST NYLON NEEDS**