



A Heat Stabilized Nylon 6

TYPICAL APPLICATIONS:

Sheet Extrusion
 Convuluted Tubing
 Wire Harness Protection

Product Description:

Properties below are typical for this grade of Heat Stabilized Nylon

Sofanou Product # N24

Colors available: Black (M0006), Natural (M0007), Blue, Gray, Orange, Red, White

Features and Options:

- High Impact
- Good Flexibility
- Chemical Resistance
- Temperature rating: -40 to 125°C

Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted.

Physical Properties	Values	Unit	Test Methods
Specific Gravity	1.08	g/cm ³	ASTM D792
Tensile Strength, at yield	41	Mpa	ASTM D638
Tensile Elongation, at yield	15	%	ASTM D638
Flexural Modulus	1200	Mpa	ASTM D790
Melt Point	220	°C	ISO 11357
Flammability	<75	mm/min	FMVSS 302

This Nylon is designed to meet the specifications below:

- Ford ES-XU5T-14A099-AA
- Ford WSS-M4D933-A1
- MS-DB41 CPN3788 CPN4036
- UTMS 18013

This raw material complies with Ford Engineering Material Specification WSS-M99P9999-A1 and General Motors GMW 3059.

Its IMDS report is available on demand.

*This material must be compliant with **ELV directive 2000/53/EC and its Annexes**. A maximum concentration value up to 0.1% by weight and per homogeneous material for lead, hexavalent chromium and mercury and up to 0.01% by weight per homogeneous material for cadmium shall be tolerated provided these substances are not intentionally introduced. No intentionally introduced amount is tolerated.*

The data listed here falls within normal range of properties, but they should not be used for setting specific limits or used as a basis for design. The applications and conditions for use of this product including technical assistance and information are beyond our control. Users of this product are responsible for evaluating this product to ensure their own satisfaction that it is suitable for their intended uses. All information is given without warranty or guarantee. Before working with this product, users must read and familiarize themselves with the available health, safety and environmental information that is available regarding product hazards, proper use and handling.