



A Heat Stabilized Nylon 6

TYPICAL APPLICATIONS:

Convuluted Tubing for Wire Harness Protection

Product Description:

Properties below are typical for this grade of Heat Stabilized Nylon

Delfingen 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°C to 125°C
- Short term: 150°C – 168h

Physical Properties	Limits	Values	Unit	Test Methods
Specific Gravity	1.07 – 1.10	1.08	g/cm ³	ISO 1183-04
Moisture	< 0.20	0.10	%	ISO 15512-99
Tensile Strength, at yield	> 32	41	MPa	ISO 527-1-93
Tensile Elongation, at break	>3	150	%	ISO 527-1-93
Flexural Modulus	520 – 2500	1000	MPa	ISO 178-01
Melt Point	> 215	220	°C	ISO 3146-00
HDT at 1.8 MPa	> 38	44	°C	ISO 75-1-04
Flammability	< 75	65	mm/min	FMVSS 302
<i>1mm thickness</i>	-	HB	-	UL94

This Nylon is designed to meet the following specification:

- Ford ES-XU5T-14A099-AA – type 125°C -
- Ford WSS-M4D933-A1
- Chrysler MS-DB41 CPN3788 CPN4036
- UTMS 18013
- DELPHI M5648 and M5085
- GM GM7001M PA6 (DE1070, G20, KS280, LS030, MS050)
- ASTM D4066 PA0284 UM022

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

IMDS report 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.