



# PRODUCT DATA SHEET

Issue Date: 26.02.11

## “FUTURA” DOPE DYED COLOUR TOW - NT

“Futura” fibre is certified as per Oeko – Tex standard 100: and is eco friendly with no banned Dyes and Pigments. Good to excellent fastness properties and consistency in shade are unique to Futura Dope Dyed Colour Tow. Futura colour Tow is currently available in more than 300 shades with continuous addition to the long list of existing shades. Customized products / shades are developed in-house with vast data base system and with in-house Master Batch chips production. It is versatile and can be blended with acrylic, cotton, viscose and wool.

### Features

- ❖ Good to Excellent Colour Fastness Properties
- ❖ Customized shade development as per requirement
- ❖ Available in different cross sections (Circular / Trilobal/ special profile etc).
- ❖ Certified as per Oeko–Tex standard 100

### Specification :

Characteristics	Unit	3.0 D	4.5 D	6.0 D	12.0 D	Futura Test Method
Denier	No.	3.0 ± 5%	4.5 ± 5%	6.0 ± 10 %	12.0 ± 10 %	FPL – WI – 20-25-08
Tenacity	gpd	4.2 ± 0.2	4.3 ± 0.3	4.1 ± 0.3	4.2 ± 0.3	FPL – WI – 20-25-08
Elongation	%	50 ± 5	55 ± 5	55 ± 5	55 ± 5	FPL – WI – 20-25-08
Crimps	No./Inch	11 ± 1	11 ± 1	11 ± 1	10 ± 1	FPL – WI – 20-25-06
Finish	%	0.20 ± 0.02	0.22 ± 0.02	0.22 ± 0.02	0.22 ± 0.02	FPL – WI – 20-25-02

**Denier:** Range between 1.4 and 12.0 denier

**Crimp Forms:** Continuous Tow - available with crimps and without crimps.

**Lustre:** Normal, Bright

**PACKING:**

Bale Wrapper:	Woven HDPE/PP with inner PE liner.
Bale Dimensions:	1250 x 800 x 1000 mm.
Net Weight per bale:	300 – 330 Kgs
Quantity in 1 x 40' FCL:	22000 kg. approx.

**Safety Aspects:**

a) Please refer the MSDS of Futura Polyester Staple Fibre / Tow

**b) Handling & Storage****Handling (Personnel):**

Avoid breathing hot vapors, oil mists and airborne fibres, wash thoroughly after handling.

**Personal Precautionary Measures:**

No special precautionary measures should be needed under anticipated conditions of use

**Storage:**

Store cartons and bales in accordance with good material handling practices.

**c) Prevention of Fire and Explosion**

Keep away from contact with oxidizing materials. Material will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus.

**Contact Address:**

FUTURA FIBRES

A division of FUTURA POLYESTERS LIMITED Tel: 91 44 2594 1313 - 17

1-A Kamarajar Salai,

Fax: 91 44 2594 1566, 1054

Manali, Chennai - 600 068

E-mail: <[futurach@fudurapolyesters.com](mailto:futurach@fudurapolyesters.com)>

India

Website: [www.fudurapolyesters.com](http://www.fudurapolyesters.com)

**All Products are under continual improvement. Right is reserved to modify product/process without prior notice subject to performance criteria as per Product Data Sheet.**