



# PRODUCT DATA SHEET

Issue Date: 19.12.09

## “FUTURA” DOPE DYED BLACK TOW - NT

“Futura” dope dyed black fibre is manufactured by gravimetric dosing of the pigment through the master batch route. Futura” dope dyed black fibre is eco friendly and certified as per Oeko – Tex standard 100. Good to Excellent fastness properties and consistency in shade are unique to Futura Dope Dyed Black fibres. Futura black tow can be cut to the required length and can be blended with acrylic, cotton, viscose and wool. It is available as crimpless tow also.

### Features

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

### Specification

Characteristics	Unit	2.0 D	3.0 D	6.0 D	12.0 D	Futura Test Method
Denier	No.	2.0 ± 5%	3.0 ± 5%	6.0 ± 10%	12.0 ± 10%	FPL – WI – 20-25-08
Tenacity	gpd	4.2 ± 0.2	4.2 ± 0.2	4.1 ± 0.2	3.8 ± 0.2	FPL – WI – 20-25-08
Elongation	%	50 ± 5	50 ± 5	50 ± 5	50 ± 5	FPL – WI – 20-25-08
Crimps	No./Inch	11 ± 1	11 ± 1	10 ± 1	10 ± 1	FPL – WI – 20-25-06
Finish	%	0.200 ± 0.03	0.200 ± 0.03	0.225 ± 0.025	0.225 ± 0.025	FPL – WI – 20-25-02

**Denier:** Range between 1.4 and 15.0 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:**

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