



PRODUCT DATA SHEET

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“FUTURA” Cationic Dyeable Fbre

“Futura Cationic Dyeable Fibre” is a chemically modified Polyester fibre that can be dyed with both disperse as well as cationic dyes. With cationic dyes, dyeing can be done at lower temperatures when compared to regular HTHP conditions for normal polyester fibres. Fast and brilliant shades can be obtained, which is not possible with regular polyester fibre with disperse dyes. Melange effect can be produced when blended with regular polyester. Futura Cationic Dyeable Fibre versatile and can be blended with cotton / viscose / wool.

Features

- Dyes in brilliant shades with cationic dyes
- Dyes darker with disperse dyes when compared to normal polyester fibre
- Dyeable at lower temperatures.
- Low pilling.

Specifications

Characteristics	Unit	1.4 D	3.0 D	Futura Test Method
Denier	--	1.4 ± 5%	3.2 ± 5%	FPL – WI – 20-25-01
Tenacity	gpd	4.5 ± 0.2	3.5 ± 0.2	FPL – WI – 20-25-08
Elongation	%	30 ± 5	50 ± 5	FPL – WI – 20-25-08
CPI	Nos./ Inch	12 ± 1	11 ± 1	FPL – WI – 20-25-06
Oil Pickup (OPU)	%	0.18 + 0.02	0.2 + 0.02	FPL – WI – 20-25-02

Denier: 1.4, 2.0, 2.5 and 3.0

Cut length: 38, 44 and 51 mm and tow

Lustre: Bright and Semi-dull

Applications:

- Textile / Woven and Knitwear, Apparels (both cotton and wool systems)
- Carpets

PACKING:

Bale Wrapper:	Woven HDPE/PP with inner PE liner.
Bale Dimensions:	1120 x 700 x 1070 mm.
Net Weight per bale:	320 – 350 Kgs
Quantity in 1 x 40' FCL:	25000 kg. approx.

Safety Aspects:

o 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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