

BIOLE

Antimicrobial Polypropylene Yarns



TURKTEX®



Odor
Control



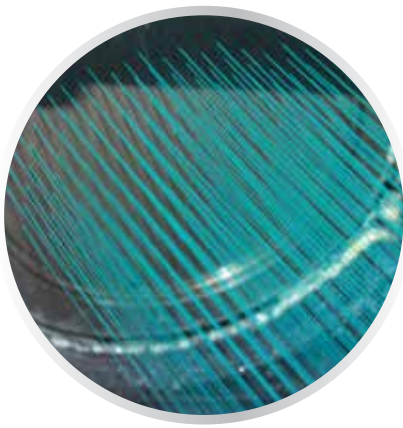
Antifungal



Inhibits Growth
of Bacteria

BiOle, is an olefin based synthetic yar which has antibacterial and antifungal properties and it provides maximum protection against microbes.

It is produced by adding antimicrobial agents into the polymer structure during melt spinning.



With this method, antimicrobial property is locked up in fiber's structure and will not be affected by repeated washing or abrasion.

Thanks to the additives used, BiOle blocks the growth and propagation of bacteria and fungi. It prevents the odor caused by bacteria and fungi.

- Raw white BIOLE yarns are always in stocks and dope dyed colors can be produced on demand.
- BIOLE can be produced in various (150-6000) with different features. (Air textured, friction textured and fancy)
- With our raw material stocks, we can quickly meet demands such as 150-900 counts as friction textured and 300-2700 counts as air textured.
- PEX group of yarns can be produced in all counts as BIOLE.

Material Properties and Advantages

Thanks to the lightness and its ability to be presented as air textured and textured, Polypropylene can be used in areas where lightness is desired.

Anti-microbial additive has no negative effect on the color fastness to rubbing and light fastness of the textile product.

- Antimicrobial feature lasts throughout the life of the textile product and does not disappear with repeated washing.
- Hollow yarn has been developed to make optimum use of properties of two different components at the same time. In these yarns, the core (inner) part provides high strength and other functional properties, while the mantle (outer) part provides the traditional appearance, handle and comfort.
- It can be produced in round section depending on the demand.
- BIOLE is used in areas where lightness is desired such as bed sheets, sports shoes, sportswear and transport.



YARN TYPE	YARN NAME	RW	UNI COLOR	MULTI COLOR	DENIER	MOQ COLOR/TOTAL	PACKAGE OPTIONS
CF	BiOLE CF	+	M	M	150-600	11 box / 1 pallet	C4;C5 - B4;B5;B6
AIR TEXTURED	BiOLE 300	+	M	M	335	30 kgs/720 kgs	C1 - B1;B3
	BiOLE 700	+	M	M	665	60 kgs	C1 - B1;B3
	BiOLE 1000	+	M	M	990	60 kgs	C1 - B1;B3
	BiOLE 1300	+	M	M	1315	60 kgs	C1 - B1;B3
	BiOLE 2000	+	M	M	2010	80 kgs	C1 - B1;B3
	BiOLE 2700	+	M	M	2660	120 kgs	C1 - B1;B3
TEXTURED	BiOLE 150-900	+	M	M	150-900	30 kgs/320 kgs	C2;C3 - B1;B2;B3
FANCY	BiOLE Fancy	+	M	M	900-4000	60 kgs/320 kgs	C2;C3 - B1;B2;B3
	BiOLE Chenille	+	M	M	NM6-NM3	30 kgs/320 kgs	C2;C3 - B2

Denier	Counts can be adjusted on demand.
Minimum Quantity	Depends on the article. M : Minimum quantity required.
Delivery Time	2-4 weeks according to article and order size.

PACKAGE OPTIONS					
CONES (WxL - kg)	TEXTURED	C1→ 26x29 cm - 3,5 kg	BOXES (WxLxH)	TEXTURED	B1→ 500x600x300 mm
	TWISTED/FANCY-A	C2→ 18x29 cm - 2,5 kg		TWISTED/FANCY	B2→ 500x600x230 mm
	TWISTED/FANCY-B	C3→ 14x23 cm - 2,2 kg		JUMBO	B3→ 1000x1200x900 mm
	CF	C4→ 28x23 cm - 7,1 kg		CF BOX	B4→ 300x500x300 mm
	CF	C5→ 37x13 cm - 7,8 kg		CF PALLET	B5→ 1150x1150x1400 mm
Package options are showing the max kg available, cone and box kg may vary depending on the yarn process.				CF PALLET	B6→ 1150x1150x1320 mm

- Since BiOLE is dope dyed, there is no decrease in antimicrobial effect. In addition, its antimicrobial feature remains after fabric dyeing and yarn dyeing.
- BiOLE's environmental protection is at the highest level. With its controlled release mechanism BiOLE is very effective against the microbes.
- BiOLE successfully passes antimicrobial tests and it is certified by ISO 20743 and AATCC 30. We foresee that, it will pass the other test methods in the literature.
- It is economical and easily accessible.

APPLICATIONS

Sportswear and shoes

Mendical Textile Products

Surgical Beds

Home Textile

Performance Clothes

Bed Textile








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