

Dope Dyed Fabrics and Garments

Beta Textiles Co., Limited produces fabrics and garments with dope dyed polyester and nylon fiber which is lower in cost, energy saving and eco-friendly.

What is dope dyed yarn?

Dope dyed (also called dry dyed, solution dyed) yarn is an environmentally friendly and efficient innovation in the dyeing process.

Instead of the usual piece dyeing, in which the yarn is knitted or woven first into a greige fabric, which is then dyed as a whole, dope dyed yarn is the opposite. As the name suggests, the yarn itself is dyed to a pre-selected amount of colors, which are then used to create the desired fabrics.



Environmentally Friendly
Dope dyed yarn significantly reduces pollution during production



Efficient Process
Direct yarn dyeing saves time during order process usually reserved for lab-dips



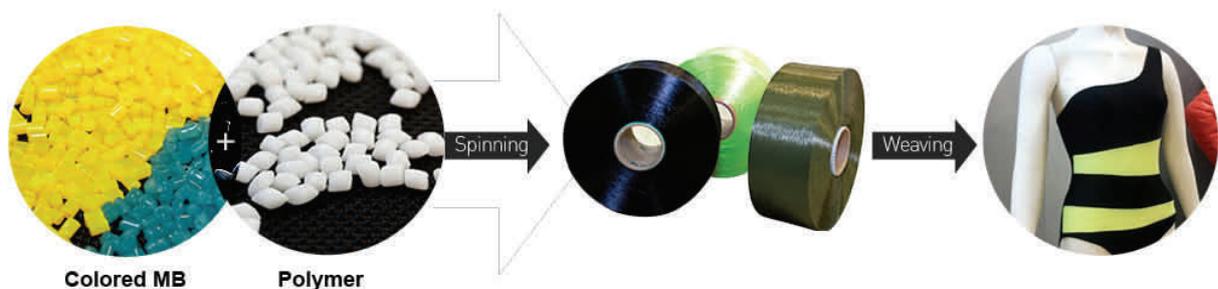
Excellent Color Fastness
The fiber is fully integrated with pigments as colorant is added before knitting.

Dope Dyed Yarn

- * Fibers and filaments are colored before knitting
- * Shorter lead time due to avoiding the dyeing process: buyers know precisely the colors before they order
- * Excellent color fastness, resistant to multiple washing, great for bright colors, resistant to UV fade
- * No water is used during the dope dyeing process, chemicals and carbon is reduced, low energy use

Piece Dye

- * Fibers and filaments are knitted first and then colored, offering a larger selection of colors
- * Longer lead time due to the need to verify the colors first via lab-dips
- * Color fastness depending on used material and other factors, but generally worst than the dope dye
- * Production is not environmentally friendly, with high water, CO2, chemical and power consumption



Color Matching

Color samples can be made based on buyers' color standards. As an alternative, customers can pick ready colors from available color list.



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