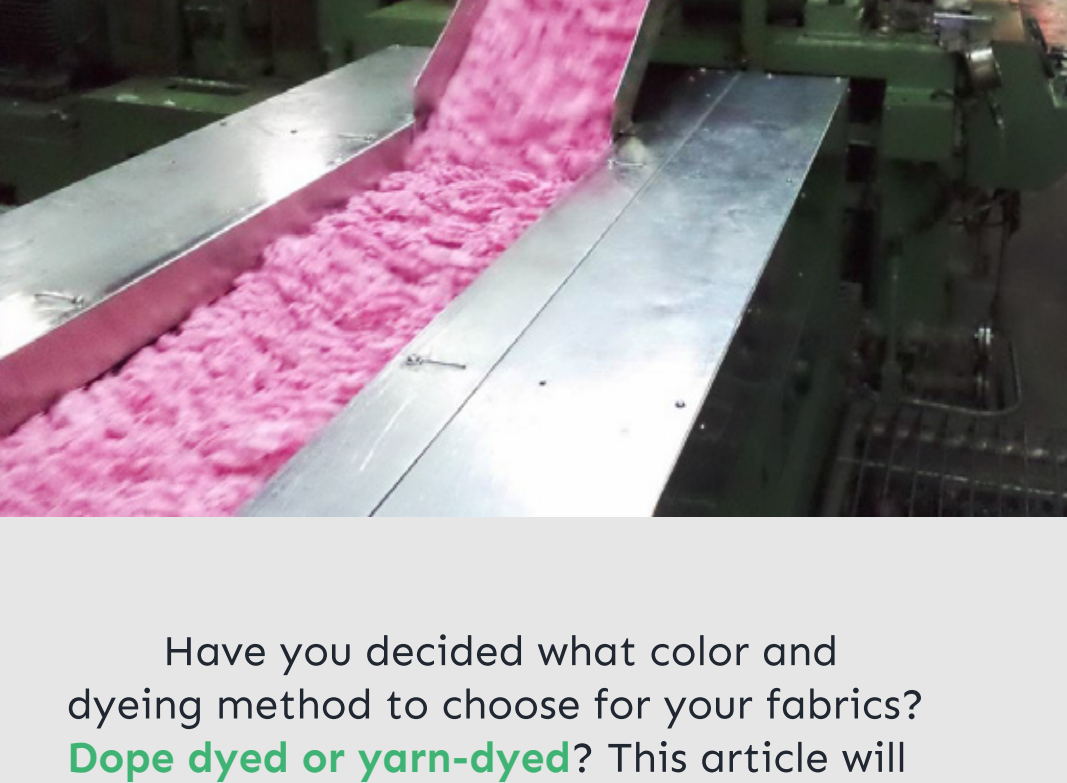


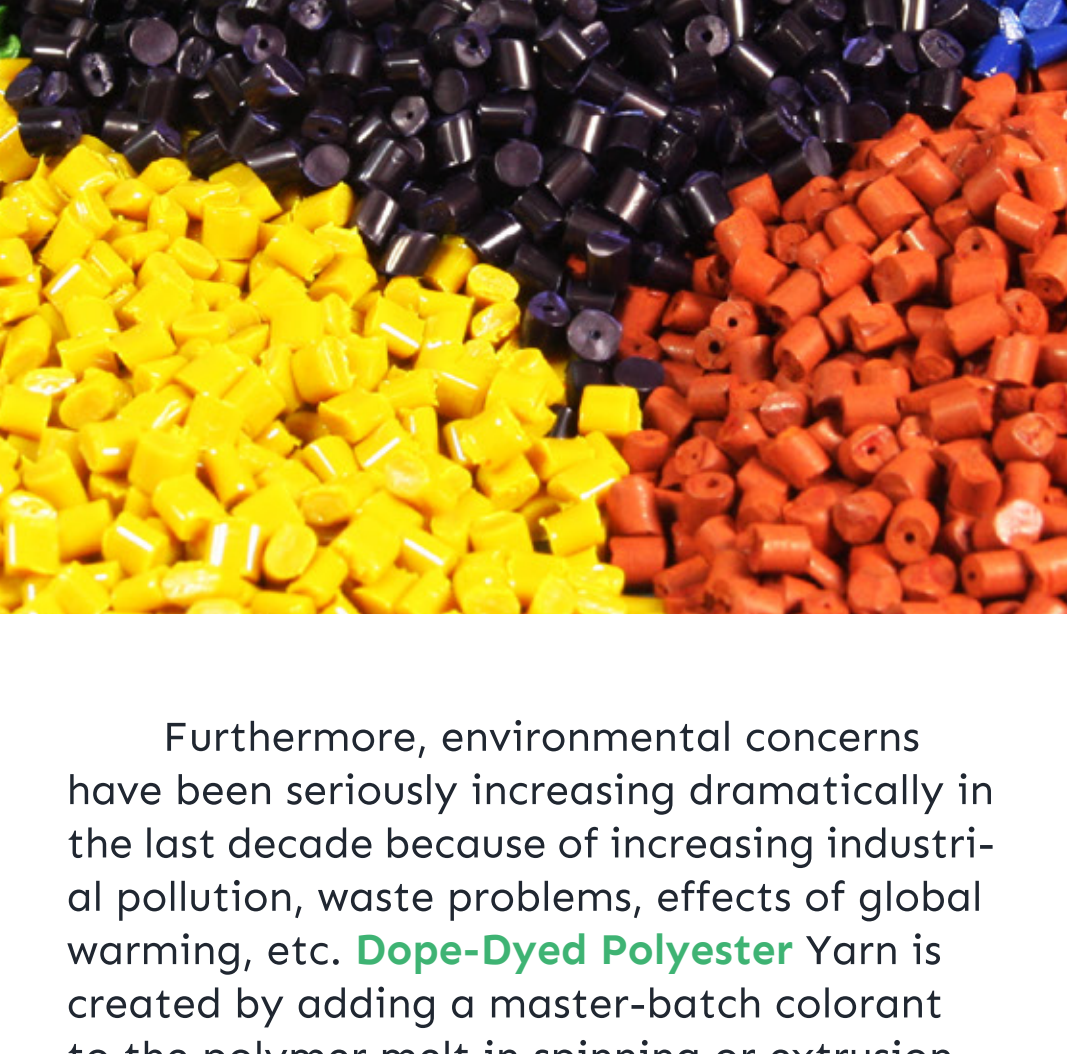


DOPE-DYED POLYESTER YARN



Have you decided what color and dyeing method to choose for your fabrics? **Dope dyed or yarn-dyed?** This article will explain the differences between these two dyeing methods (**Dope-dyed and Yarn-dyed**).

To begin with, **Yarn-dyed** is the method of dying raw yarn before knitting or woven into the fabrics. This method has two major benefits: creating fabric in a Multi-Color Pattern and making a Garment Feel More Substantial. Additionally, the first benefit is that fabric can be created in multi-colored patterns with more complexes like jacquard. Moreover, it makes a garment feel more substantial with more body. Hence, it feels a little thicker and heavier.



Furthermore, environmental concerns have been seriously increasing dramatically in the last decade because of increasing industrial pollution, waste problems, effects of global warming, etc. **Dope-Dyed Polyester Yarn** is created by adding a master-batch colorant to the polymer melt in spinning or extrusion. This result in fibers and filaments fully impregnated with pigment from the spinnerets in a one-step process.

Wet processing is a common step in the textile industry and has significantly impacted the environment and human health. Large amounts of chemicals and dyes are used in the wet processing, which leads to larger water usage.

Consequently, **Dope Dyeing Process** is the right solution to reduce the pollution and wastewater discharges in a textile processing factory to the environment.



Here are the advantages of **dope dyeing**

1. Eco friendly
2. Color consistency
3. Better color fastness
4. Light fastness characteristics in mass production
5. Reduce water consumption in the common dyeing process
6. Reduce wastewater loading
7. Reduce production lead time (Shorter lead time)

In addition, **Dope Dyed Polyester Yarn** is very utilizing to the manufacturers who are using the traditional piece dyeing process and facing the issues of emitting pollution, controlling their production cost. **Dope Dyed Polyester Yarn** is a key significant part of solving all such problems.



The advantage of using Dope Dyed Polyester Yarn for finished goods

Quality – **Dope Dyed Polyester** is better for washing and perspiration fastness (rating of 4-5 for both wash & perspiration fastness against the rating of 3 for piece-dyed fabrics) even though there is no significant difference in rubbing and sublimation fastness.

Cost – **Dope Dyed Polyester** is cheaper compared to piece-dyed. Less Process – As the fiber is already dyed, the dyeing process is eliminated, saving many resources. This results in less lead time in the production process and enables you to deliver your goods faster to your customers.

With these three benefits, you can see an increase in the efficiency of your production process and your finished goods. Eventually, this will increase the satisfaction among you and your valuable customers.

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