



DOPE DYED POLYESTER YARN

The environmental concerns are serious increasing dramatically in the last decade. This is 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 results in fibers and filaments that are fully impregnated with pigment coming out of the spinnerets in a one step process.

Wet processing that is a common step in the textile industry has caused a significant impact on the environment and human health. Large amounts of chemicals and dyes are used in the wet processing which leads to the larger water usage.

Consequently, Dope Dyed 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 dyed process



1. Eco friendly
2. Color consistency
3. Better color fastness
4. Light fastness characteristics in mass production
5. Reduce water consumption in common dyeing process
6. Reduce waste water 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 the solution to all such problems.



There are 3 advantages of using Dope Dyed Polyester Yarn for finished goods

Quality: Dope Dyed Polyester Yarn is better for wash 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 Yarn is about cheaper compared to conventional yarn dyed.

Less Process: As the fiber is already dyed, the process of dyeing is completely eliminated leading to the saving of a large number of resources. This results in less lead time in the production process and enables you to deliver your goods faster to your customers.

With these 3 benefits altogether, you can see the increase in the efficiency of your production process and your finished goods. Eventually, this will increase the satisfactory among you and your valuable customers.



Contact Us

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Our Product

- Polyester Product
- 100% Recycled Polyester

Our Businesses

- TPC Thai Polyester
- Jong stit
- Fashion Hometex

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