



製造原理

原液著色或是原著紗是指在抽紗時於紡液內加入色母使纖維在紡絲階段即著色完成，只要一道工程，無須於染整階段染色。



DOPE 原著紗 原液著色 DYED

優點

- 原著紗有飽和鮮豔的顏色表現且具高日光牢度，不因紫外線照射而褪色或產生色差。而且具有高摩擦牢度，耐昇華度等。
- 原著紗顏色均勻，而且批差很小。
- 減少廢水及廢氣的排放，減少能源的消耗，具水資源保護及節能減碳的高度環境反差。

趨勢

- 適合生產用於休閒及戶外運動及貼合布料。
- 更永續發展，減少染色高耗能及高耗水對環境所帶來的負面影響，未來會有更多的原著色紗被開發及生產。

Products

Solution or doped dyed yarns are created by adding a masterbatch 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.



DOPE Solution or Dope Dyed Yarn DYED

Advantages

- Highly resistant to UV fade and shade changes
- Solution dyed yarns are fully uniform in color and typically do not vary from lot to lot
- Solution dyed yarns are colorfast, resistant to multiple washings and mild bleach solutions
- More environmentally friendly since no water is used in the solution dyeing process

Why Dope Dyed

- Dope dyed is suitable for outdoor fabrics and laminated fabrics.
- For sustainability, reduce the negative impact from wastage and water consumption of dyeing, dope dyed will have more development and production in the future.