

# What is dope dyed yarn?

- Dope dyed yarns are created by adding masterbatch colorant to the polymer during the spin process.

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## Masterbatch

- A system to add colors and additives to polymers.
- It provides exact color definition, highest fastness, adjustment and reproduction regardless of batch size.



# Environmentally Friendly

- No need to dye
- Zero water consumption
- Saving energy
- Zero water pollution and COD\*



## Save Water

Fabric	Dying process	Water usage
1kg	—————→	10L
380g/yard with 10,000yard	—————→	38,000L
6L of toilet water	—————→	6,333 flush cycles

# Excellent Color Fastness

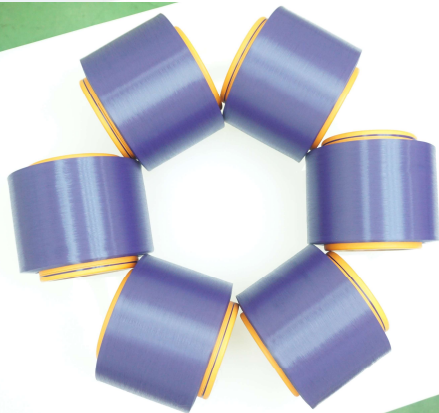
## ▶ No dye migration issues

*Color fastness to Washing	Class 4.5
*Color fastness to Water	Class 4.5
*Color fastness to Rubbing	Class 4.5
*Color fastness to Light	Class 4.5
*Color fastness to Perspiration	Class 4.5

--The test is based on Dope dyed BLACK yarn.

## Benefits - Quality

- Maintain identical quality so that shade variance could be restrained within the tolerated range.
- Manage well in mixing masterbatch and nylon polymer thoroughly to reach shade invariance for the same lot.



\*Color uniformity between lots



## Benefits – Less Process

- Shorter lead time due to avoiding the dyeing process.
- Buyers know precisely the colors before they order.

## Benefits - Cost



- Production cost savings
- Energy savings
- Water savings

# Application of dope dyed yarn

**Color fastness to LIGHT**



**Color fastness to RUBBING**





# Application of dope dyed yarn

**Color fastness to  
PERSPIRATION**



**Color fastness to  
WATER**



# SUNTEX's Strength

- Suntex could cooperate with the project at developmental stage.
- Suntex could produce a small quantity for matching color purpose.

# Available Colors





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# Available Colors

**XAARY412**

Pantone 11-0617 TPG

Transparent Yellow  
鵝絨黃

**XCARY412**

Pantone 12-0826 TPG

Golden Haze  
玉米黃

**XGARY448**

Pantone 12-0740 TPG

Limelight  
萊姆黃

**XIARY424**

Pantone 12-0752 TPG

Buttercup  
琥珀黃

**XHARY512P**

Pantone 12-0643 TPG

Blazing Yellow  
耀眼黃

**XDARY448**

Pantone 14-0848 TPG

Mimosa  
芥末黃

**XFARY424**

Pantone 13-0940 TPG

Sunset Gold  
流沙黃

**XCARC412**

Pantone 16-1142 PG

Golden Nugget  
暖心褐

**XAARN3512**

Pantone 14-4809 TPG

Eggshell Blue  
精品綠

**XBARN434**

Pantone 13-6008 TPG

Misty Jade  
寶石綠

**XAARN434**

Pantone 12-5407 TPG

Aqua Glass  
天使綠

**XEARN412**

Pantone 15-6340 TPG

Irish Green  
極光綠

**XAARN2148**

Pantone 15-5209 TPG

Aqua Haze  
樸雅綠

**XDARN434**

Pantone 13-0117 TPG

Green Ash  
樺木綠

**NEW**

Pantone 15-0343 TPG

Greenery  
青蘋綠

**NEW**

Pantone 16-5421 TPG

See Green  
湖水綠

# Available Colors

