

## PERFECT FILAMENTS LTD

India's Largest Specialty Polyester Textured Yarns Manufacturer





- PRODUCT CODE :- 001
- QUALITY:- 100% POLYESTER FULL
  DULL ATY
- EFFECT:- SLUB EFFECT WITH PATTERN
- DYEING:-REGULAR POLYESTER DYEING PROCESS
- DENIER :- AVAILABLE 100/600
- SUITABLE FOR :- SHIRTING, GARMENT, SUITING, KNITTING



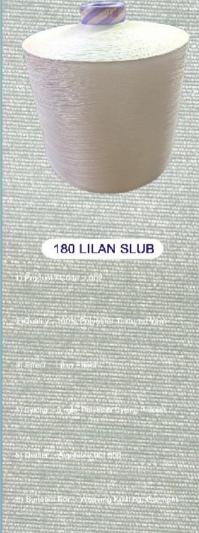






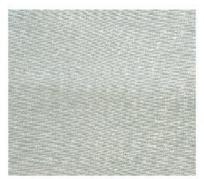
**FABRIC** 











Fabric









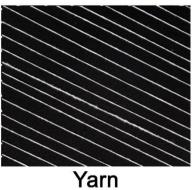


Fabric









**Fabric** 











**Fabric** 









Yarn



**Fabric** 







Yarn



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- PRODUCT CODE :-0011
- QUALITY:- 50% POLYESTER + 50% BDD SEMI DULL - ATY SLUB
- EFFECT:- SLUB EFFECT WITH PATTERN
   VARIATION
- DYEING:- REGULER WASHING/ POLYESTER DYEING PROCESS
- DENIER :- AVAILABLE 120/ 600
- SUITABLE FOR :- WEAVING AND KNITTING







YARN

**FABRIC** 







Yarn



Fabric



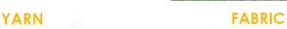


240 BLACK BARRI

- PRODUCT CODE :- 0013
- QUALITY:- 60% BRIGHT POLYSTER + 40% BDD ATY SLUB
- EFFECT:- SLUB EFFECT WITH PATTERN VARIATION
- DYEING:- RÉGULER POLYESTER DYEING PROCESS
- DENIER :- AVAILABLE 120/ 600
- SUITABLE FOR :- WEAVING





















Yarn



Fabric





- PRODUCT CODE:- 0017
- QUALITY:- 50% CATIONIC + 50% BDD
- EFFECT:- TWO TONE EFFECT
- DYEING:- REGULAR CATIONIC DYEING PROCESS
- DENIER :- AVAILABLE 80/600
- SUITABLE FOR :- WEAVING AND KNITTING

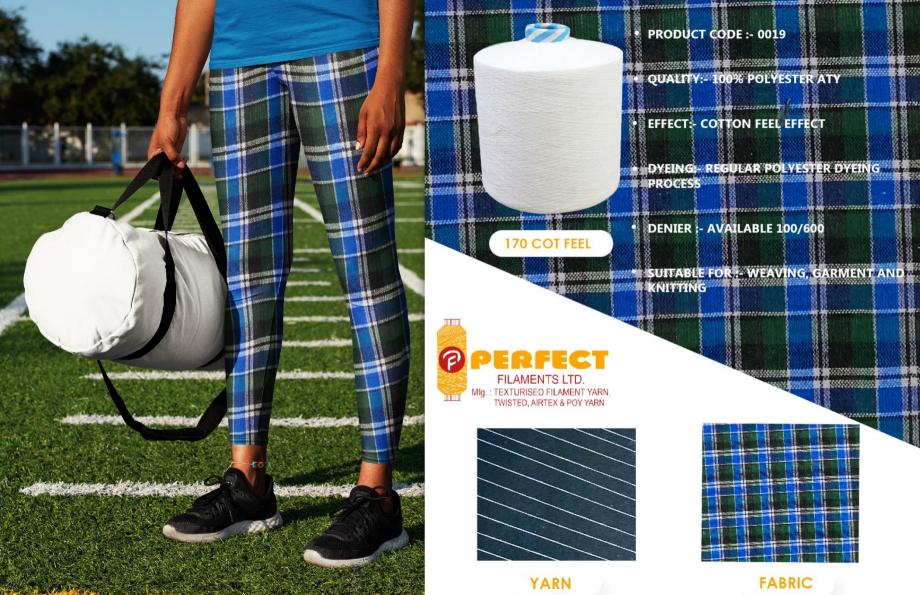


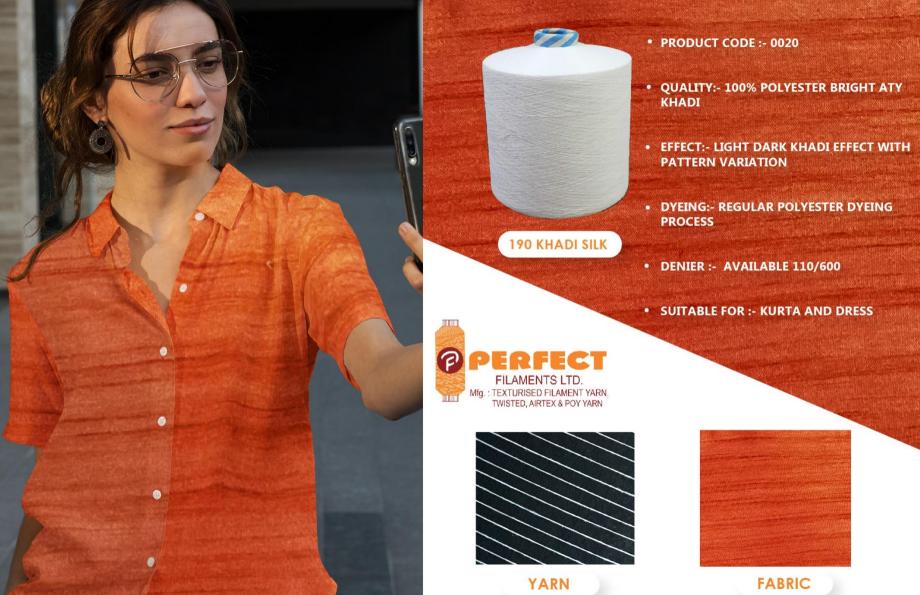


YARN



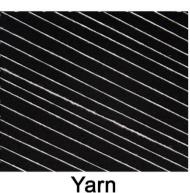










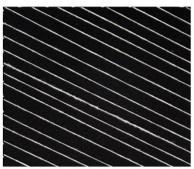




**Fabric** 







Yarn



**Fabric** 











- PRODUCT CODE :- 0026
- QUALITY:- 50% POLYESTER + 50% CATIONIC SEMI DULL - DTY
- EFFECT:- TWO TONE EFEECT
- DYEING:- REGULAR CATIONIC / POLYESTER DYEING PROCESS
- DENIER:- AVAILABLE 80/600
- SUITABLE FOR :- KNITTING, GARMENT







YARN

**FABRIC** 







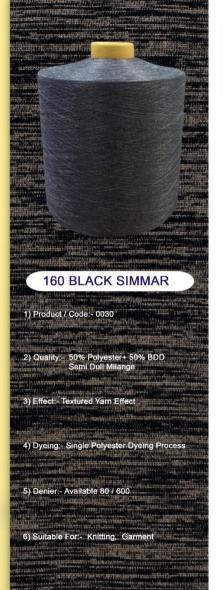


Yarn



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Yarn



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Yarn



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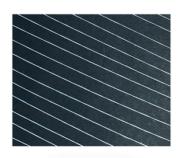




80/72 COT LOOK

- PRODUCT CODE:- 0036
- QUALITY:- 100% POLYESTER FULL DULL DTY
- EFFECT:- COTTON FEEL / COTTON LOOK EFFECT
- DYEING:- REGULAR POLYESTER DYEING PROCESS
- DENIER:- AVAILABLE 50/600
- SUITABLE FOR :- WEAVING AND KNITTING





YARN

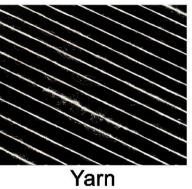


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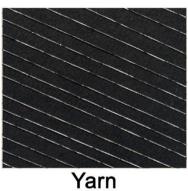




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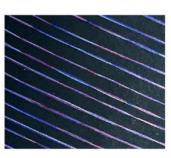






- PRODUCT CODE :- 0041
- QUALITY:- POLYESTER COMBINATION OF DOPE DYED AND FULL DULL
- EFFECT: THREE TONE / TWO TONE EFFECT
- DYEING:- REGULAR WASHING DYEING PROCESS
- 450 JASMINE DENIER :- AVAILABLE 150/600
  - SUITABLE FOR: WEAVING FURNISHING







YARN

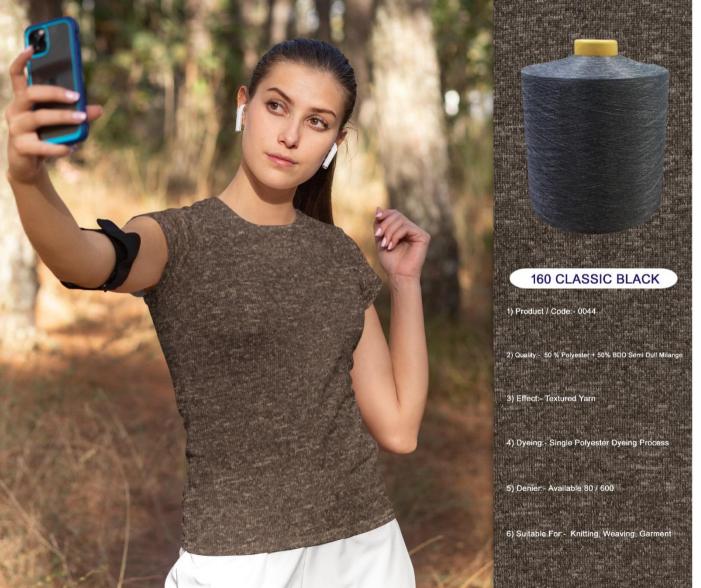
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YARN FABRIC









**Fabric** 

## About us...

Perfect Filaments Limited was incorporated in year 1994 and since then has grown manifestly. Our journey closer to three decades has been a story of pioneering innovation, manufacturing excellence and strategic evolution. Our diversified product portfolio using forward and backward integration has ensured that we achieve significant growth in most challenging times and also in times of prosperity. We are committed to provide the perfect match to our customers' needs through our products and services.

# **Product Offering**

Particulars	Availability in
Product	DTY (Draw Texturised Yarn), POY (Partially Oriented Yarn), FDY (Fully Drawn Yarn)
Polymer	Virgin Polyester (PET), Recycled Polyester (PET), PP, PBT, PLA, Nylon 6
Luster	Semi Dull, Full Dull, Bright, Super Bright
Туре	DTY (Draw Texturised Yarn), POY (Partially Oriented Yarn), FDY (Fully Drawn Yarn)
Colour	Dope Dyed (Pre dyed) in Any Colour, Cationic
Denier	7 to 1200 denier
Filament Fineness	Ultrafine 0.5 denier/filament to course 7.0 denier/filament
Filament Cross Section	Round, Trilobal, Plus, Slit
Intermingle	HIM, SIM, LIM, NIM
Ply	1 to 10
Specialty	Melange effects, Slub effects, Soft Feel, Cotton Feel
Inherent Performance	Permanent Fire Retardant, Permanent Anti Bacterial, Moisture Management

We can offer product in different combination from above list ...

Example > DTY Recycled Polyester Semi Dull Dope Dyed 100 denier /144 filaments Round Cross Section LIM 1 ply with Moisture Management Property

## **Key Products**

#### **Sustainable Yarns**

- Recycled Polyester Yarn (Solid & Melange)
- Biodegradable Recycle Polyester Yarn (Solid & Melange)
- Dope Dyed Polyester( lowest Higg Value)
- 100% Natural CornSilk Yarn (PLA, Bio degradable)
- 1 Tree Planted per Product/KG

#### **Specialty Yarns**

- Ultrafine Multi-Ply Yarn (5 to 30 denier, 2 to 10 ply)
- Cationic Polyester Yarn (High Dye Pickup)
- Cationicmagic (50% Extra Dye Pick-up compared to regular polyester)
- Full Dull Polyester Texturised Yarn (Cotton Look)
- Melange Polyester Yarn
- Melange Polyester Slub Yarn
- Super Bright Textured High Intermingle Yarn

# **Production Capacity**

Product	Production
Draw Textured Yarn (DTY) - Virgin - Recycled (Scalable)	80 tons / day 60 tons / day 20 tons / day
Fully Drawn Yarn (FDY)	5 tons / day
Air Textured Yarn (ATY)	3 tons / day
Partially Oriented Yarn (POY)	80 tons / day (In-house Consumption)

## **End Uses**

- Apparel
  - Woven
  - Knits
- Active wear
  - Sports Wear
  - Yoga wear
- Elastics, Tapes
- Home Textile, Home Decor
- Bags
- Caps
- Shoes
- Automobile













### Contribute towards achieving UN The Global Goals



### 1 Tree Planted





LINK YOUR PRODUCT TO TREE

- One tree will be planted for every product purchased by customer
- Every Tree Planted and Survived will have Unique ID and photographed by the Agency at 1 Year of Age
- Tree plantation will be Audited and certified by an Internationally Recognized External Agency (like Control Union)
- End product will have Unique Tag which has a Barcode/Link pointing to the website of the Agency showing the
  consumer the photograph of the tree that has been planted and other relevant Info like current age, estimated
  carbon impact, etc
- Advantages:

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- Conserve nature and redcue global warming
- Become Carbon Negative
- Support family estimated that the annual net income for the farmers would increase by 3 to 8 times in 5 to 7 years
- Individual contribution towards nature
- Estimated Cost 0.75 USD per Tree Survived and Audited
- Approx 100 kgs of CO2 reduction with every single tree planted per annum

### Patented Product - 1

Patent US 9,932,693; IN 285236

Method for manufacturing a multi-ply separable filament yarns and multi-ply separable textured yarn

Major use: Home textile

#### Advantages:

- 1. High Productivity
- 2. Cost saving upto 40%
- 3. Reduced carbon emissions by 88%
- 4. Green Technology: CO2 generation reduced by 17.50 kgs per Sheet Set
- 5. Offering same with GRS certificate in option.



### Patented Product - 2

Patent US 10,443,161 B1 Dated 15 Oct 2019

High thread / yarn count woven textile fabric and process of preparation thereof. (WARP CVC)

Major use: Home textile

### Advantages:

- Min 5% saving in Final product cost
- Green yarn technology
- Carbon saving due to elimination of sizing process
- Product can be claimed for 'Single Pick Insertion'
- Offering same with GRS certificate in option.





## PLA (Polylactic Acid) Yarn

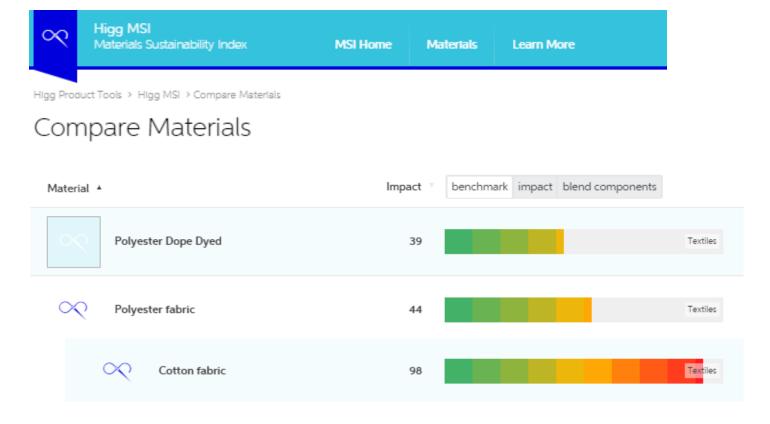
100% Raw Material Sourced from USA



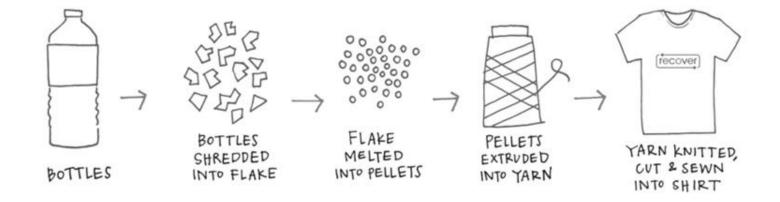
- 100% Natural USDA BioPreferred
- 100% Bio-Degradable
- Lowest Environment Impact & Low Carbon Footprint
- Excellent Moisture Management (Cool & Absorbs Sweat)
- Excellent Ultra-Premium Feel
- Odor Free
- Naturally Low Flammability
- Excellent Stretch
- Excellent UV Resistance
- Low Pilling & High Durability

## Dope Dyed Polyester

The Higg Materials Sustainability Index (MSI) provides access to a large amount of relevant information about the impacts of material production used in the apparel, footwear, and home textile industries. You can leverage the information in different ways to get a clear understanding of what is causing different types of material impacts, and different production processes that can be used to reduce those impacts



## Recycled Polyester Source



## Recycled Polyester Yarn Offering

We offer all product version in Recycled Polyester option with GRS (Global Recycled Standard) certificate.





## **OEKO-TEX Certificate**

STANDARD 100 by OEKO-TEX® is one of the world's best-known labels for textiles tested for harmful substances. It stands for customer confidence and high product safety. Find out here what STANDARD 100 means and why it is worth checking for this label when buying textiles





## Trade Fair Participation











### Contact Us



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