



九州化纤

Global Chemical Fiber

POY FDY DTY

差别化
功能性化纤
的优秀供应商

The Excellent Supplier
From China
Of Special And Functional
Chemical Fiber
To All Over the World



ATPDP (Atmospheric Temperature and Pressure Dyeable Polyester)

-----Low Carbon and Eco Friendly

ATPDP is an Eco-friendly new generation cationic polyester with high performance. Because of its performance of dyeing below 100°C in open bath and high dyestuff-uptake, it can be interweaved with any synthetical, artificial fiber and natural yarns.

1. Dyeable in any deep color below 100 °C
2. Micro filament and soft touch.
3. Superior color fastness and beautiful luster.
4. Dyeing with 98% dyestuff-uptake
5. Save up to 30% or more water, dyestuff, and electric power in dyeing and finishing process.



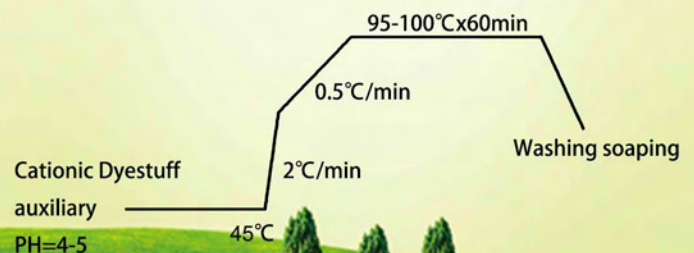
Available items :

1. 100% ATPDP
2. Melange Yarn : ATPDP+PET , ATPDP+NYLON , ATPDP+CATIONIC .
3. Functional ATPDP yarn : Anti Bacterial ATPDP, Wicking ATPDP.

POY (final DTY 20D-300D) DTY 20D/36F-300D/288F FDY 20D/36F-300D/288F



Suggestion for easy dyeing cationic polyester yarn dyeing
Dyeing: temperature 95°C-100°C, PH 4-5, cationic dyestuff





Low Melting Filament Yarn (Thermo melting yarn)

Low melting filament yarn is regarded as innovative yarn along with excellent bonding property.

1 . POLYESTER LOW MELTING YARN

Low melting polyester filaments of both pure and sheath-core type are developed based on special spinning technology.

Melting point

1. 110 °C
2. 180 °C

Regular counts: FDY 20D/12F-300D/96F

1) Pure Type

Applications:

1. Unidirectional weaving (produce flat fabrics in carbon or glass fiber)
2. Football shoes uppers
3. Seams (prevent puckering)
4. Bonded chenille yarn, bonded sewing thread, bonded multi-ply yarn
5. Works Gloves (effectively seals raw edge at cuff)
6. Blind stitching (prevent hems unraveling)
7. Picot edging (prevent picot yarn from snagging or pulling out)
8. Trouser waist bands (replaces show and expensive sewing operations)

2) Sheath-core Type

Applications:

1. Filters net
 2. Mesh fabrics
 3. Zebra blinds, curtain fabric
 4. Reinforcement fabrics
 5. Pleated articles
- #### 3) Special melting yarn
1. Dope dyed low melting yarn
 2. Flame retardant Low melting yarn
 3. Flame retardant plus Dope dyed yarn

2.NYLON LOW MELTING YARN

Melting point range: 105°C-125°C

Available counts: FDY 75D-300D





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MICRO-POLYPROPYLENE YARN

Our micro-polypropylene yarn has unique chemical and physical properties as follows:

1. Lightest weight
2. High intensity
3. Low moisture regain
4. Excellent heat preservation
5. High abrasion resistance
6. High rebound resilience
7. Strong chemical resistance
8. Anti bacterial and anti fungal effect
9. Good moisture conductivity



Available items :

1. Raw white
2. Dope dyed
3. Functional : Anti-bacterial , Wicking

Available counts

DTY 30D/12F-150D/144F

FDY 30D/12F-150D/144F

SOVIRE-PTT·(Triextra) Filament Yarn

Made With Bio-based DuPont Sorona Polymer

DuPont Sorona polymer is the latest and most advanced and eco-friendly macromolecule polymer developed by DuPont currently with main material from bio-based 1,3-Propanediol(PDO). As one of the licensees of DuPont, Shaoxing Global Chemical Fiber Co., Ltd has been authorized to use DuPont's technology to develop, produce and market Sovire filament yarn, fabrics and garments made with Sorona polymer.

Sorona is called "smart" polymer by the industry because it combines the properties of polyester and nylon, provides designers and consumers with various merits as follow:

- ◆ Super softness & bulkiness
- ◆ Excellent stretch-recovery
- ◆ Vibrant color, good resistance against UV & Chlorine

🚩 Sovire Yarn Specification:

(1) Bio-component special cross-Section yarn

PTT/PET(high elasticity), Crimp contraction can be:

≥10-20%, ≥20-35%, ≥35%;

(SCY) FDY 75D/24-36F, 150D/48F, 300D/96F, etc.

(2) Regular items(Shape-memory Fiber):

DTY/FDY 40D/12F, 75D/72F, 50D/24-48F,

150D/96-144F, 300D/144-288F