

SMART THREAD

Bio Based Sustainable polymer DuPont™ Sorona®

Features

- **Bio-Based Material**

KFS-Smart Thread series made of Sorona® is bio-based material, made in part from renewable feedstock.

- **Wrinkle resistance**

It is a wrinkle free material that is easily crumpled and easily restored to its original form just by smoothing it out with your hand.

- **Brilliant Color**

Excellent dyeing to produce bright, vivid colors

- **Softness**

Exceptionally soft, smooth, and touchable texture for everyday luxury.

- **Durability:**

Strength and resilience for long-lasting performance.

- **Quick-Dry**

Dries quickly and wicks moisture off the skin for added comfort.

- **Fade Resistance**

UV- and chlorine-resistant for vibrant color over time, wear and washes.

KFS-Smart Thread made of Environment-friendly bio based sustainable polymer DuPont™ Sorona® Shape memory with soft, moist touch and Easy care material with Permanent stain resistance and easy clean.

Specification

FDY Sorona® : 50d/48f, 75d/72f, 150d/144f

DTY Sorona® : 50d/48f, 75d/36f, 150d/48f, 300d/96f

Application

Formal : Trench jacket, Shirts, Blouse,Pants, Suit, Skirt, etc.

Casual & Sports : Trousers, Outdoor wear,Golf wear, Swim wear,Jogging, etc.

Intimate : Underwear, Lingerie, etc.

Home Textile : Upholstery Fabrics, Curtain, Carpet



DUPONT™
SORONA®



Comfy

Comfort stretch and good stretch recovery

Features

- **Excellent stretch & recovery**
Outstanding resilience as compared to spandex for comfort stretch applications
- **Shape retention**
Excellent appearance and comfortable wearing; outstanding dimensional stability against frequent washing and wearing
- **UV & Chlorine resistance**
It can maintain its original color even when exposed to UV rays and chlorine, making it suitable for swimwear and active wear.
- **Wicking**
Quick moisture absorbing and drying due to the 2-channel snowman-type cross section
- **Softness**
It is more soft and natural feeling than certain existing synthetic fibers.
- **Vibrant color**
Excellent dyeing (dyeable at 115~125°C) and vibrant colors compared with regular yarns
- **Use of the Dupont Sorona brand**
It has the trusted product image of the DuPont™ Sorona® label which is recognized by consumers around the world

High-performance material with outstanding elasticity like spandex for comfort stretch applications and better recovery even after many times used and washed. KFS-Comfy stretch is a material developed with exclusive special spinning technology and made from DuPont™ Sorona® 3GT polymer material, the molecular structure of which is distinct from existing PET and Nylon. Different from existing stretch yarn, it has comfortable stretch and excellent recovery. Not only that, it provides various benefits such as softness, vivid color, chlorine resistance, and easy care.

Specification

KFS-Comfy : 50d/32f, 75d/32f, 100d/32f, 150d/64f

Application

Shirts, denim, trousers, and liners, etc.
Sportswear, outdoor wear, and underwear, etc.
Home Textiles bed sheets, pillow cases

