

Speciality Products

For details on our speciality products, kindly click below:

- **Micro Fibre**
- **Recron™ Super black fibre**
- **Recron™ Staple Fibre for Sewing Thread (SHT Fibre)**
- **Optical White (OW) PSF**
- **Recron™ Trilobe (TBL) PSF**
- **Product Range**
- **Advantages**

Micro Fibre

Recron™ Micro Fibre is an economic substitute for expensive long staple fine cotton used as raw material to make premium Men's and Ladies' wear.

Special Features

- Extremely fine fibre of 0.8 denier, for imparting softer feel to fabrics.
- Can be used for producing superior fabrics in all weight categories, with all the advantages of PSF along with soft, silky touch.
- Fabrics produced out of Recron™ 'Micro' have exceptional drape and comfort properties.

Advantages

- Produces yarns of superior quality in terms of yarn, CSP, uster u% and imperfections compared to 1.0 to 1.2 denier.
- Capable of spinning finer counts up to 2/100s or 2/120s in 100% or in blend with better quality combed cotton.
- Ideally suited to make high quality branded shirting and dress material.
- Offers higher productivity at spinning, high speed weaving and knitting.

Recron™ Super black fibre

RIL is the largest producer of black fibre in the world with a share of 20% of the capacity. Recron™ Super black fibre is a superior raw material for producing high quality black yarns and fabrics.

Special Features

- Consistent depth of shade with good tensile properties.
- Optimum finish level to give consistent performance and quality.

Advantages

- Superior spinning performance, productivity and quality compared to fibre dyed spinning.
- Processing cost of fabrics made out of Recron™ Super black is cheaper than fibre, yarn or piece dyed fabrics in terms of:
 - lower production costs due to better performance
 - higher consistency of shade and better depth
 - higher all round fastness
 - eco-friendly
 - releases dyeing capacity for other shades/products

Recron™ Staple Fibre for Sewing Thread (SHT Fibre)

SHT Fibre is the ideal choice to make high quality sewing thread needed by high quality garment manufacturers.

Special Features

- Ideal and economical raw material compared to cotton.
- Optimised tenacity, elongation and shrinkage values to give top quality threads.
- Fibre finish optimised to give good spinning performance and thread quality.

Advantages

- Threads manufactured out of SHT fibre offer trouble free performance on high speed stitching machines.
- Recron™ OW PSF offers an economical route to manufacture white (bright) sewing threads of better quality.
- Recron™ 1.2 SHT DD black offers the advantages of higher depth of shade, better fastness properties and quality.

Recron™ Optical White (OW) PSF

Recron™ Optical White is used in fabrics like dhotis, sarees, dress materials, hosiery and sheeting. Where light, pastel shades or prints can have better aesthetics with a white background.

Product Range

- 1.2 Denier in 32, 38, 40, 44, 51 mm cut lengths.

Special Features

- OW addition is consistent and gives natural white shade with good fastness properties.

- Fibre is finished optimally to give good performance and quality.

Advantages

- Cost effective way for producing better quality dhotis, sarees, sheeting, hosiery and dress materials.
- Customer benefits in terms of better price for the end product compared to conventional manufacturing of similar products.

Recron™ Trilobal (TBL) PSF

Targeted to manufacture high quality, medium priced suitings, dress materials and furnishing fabrics through the stock dyed route in 100% P or P/V blends in a wide range of colours. These fabrics have superior luster and feel similar to higher priced worsted suitings and dress materials.

Product Range

Sr. No.	Product Details	Denier	Cut Length (mm)	Lustre
1	Trilobal (TBL)	1.5, 2.0, 2.5	40, 44, 54	Bright
2	Super High Tenacity (SHT)	1.2	40, 44	Bright
3	Recron™ Super Black	1.2, 1.5, 2.0	32, 38, 44, 51	Bright, Black
4	Recron™ Super Black SHT	1.2	40, 44	Bright, Black
5	Optical White (OW)	1.2, 1.4	40, 44	Semi dull
6	Micro	0.8	40, 44, 51	Semi dull

Advantages

- **Consistent Quality:** Dedicated lines denier wise, with in-house raw material feed, resulting in high level of process/quality consistency.
- **Consistent merge nos.** resulting in cost savings to customers on account of uninterrupted long runs.
- **Superior performance:** Finishes application controlled within narrow tolerances, ensuring top quality performance, product quality and productivity.
- **Value for money:** All these products go for value added end products, translating to higher net realisation/margins to our customers.

