



# Shanghai Samsun Int'l Trade Co., Ltd.

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**Shanghai Samsun Int'l Trade Co., Ltd.** established in year 2000, is a highly integrated manufacturer and exporter of Viscose Rayon Filament Yarn.

Our product range:

- ✓ Viscose Rayon Filament Yarn
- ✓ Viscose Staple Fiber
- ✓ Viscose Spun Yarn

Our Core Product Package-dyed Viscose Rayon Filament Yarn is introduced as the best substitute of traditional Dope-dyed (solution-dyed) rayon filament yarn. Comparing to dope-dyed rayon filament yarn, the highlights of our package-dyed viscose rayon filament yarn are:

- ✓ Brighter on luster, brilliant color
- ✓ Maximum color range
- ✓ Flexible dye lot size
- ✓ Exact color-matching, dye and match to customer's colors
- ✓ Lowest color-difference on repeated lots

The innovative low-bath ratio dyeing technique, shorter dyeing period, waste water recycling help us to stand the first position on cost-economizing among of the competitors.

We born to create maximum value for our customers, we won a good reputation among of our worldwide customers for the superior quality, timely & reliable services in the past decade.

## 1. Products

### 1.1 Viscose rayon filament yarn



Rayon is also called Artificial Silk, which is a manufactured regenerated cellulose fiber, it is made from purified cellulose, primarily from wood pulp or cotton pulp.

In 1894, English chemist Charles Frederick Cross and his collaborators Edward John Bevan, Clayton Beadle patented their artificial silk, which they named 'viscose'. The first commercial Viscose rayon was produced by the U.K. company Coutaulds Fibers in



1905.

## Major properties

- ✓ Silk-like sheen
- ✓ Soft and comfortable
- ✓ High moisture absorbent
- ✓ Breathable
- ✓ Biodegradability
- ✓ Low shrinkage

## 1.2 Dyed viscose rayon filament yarn



Our factory is the leading player in producing of dyed viscose rayon filament yarn, the advanced equipments, innovative package-dyed techniques, qualified & well experienced engineers, skilled workers are key factors, which ensure that the finished viscose rayon filament yarn have the brilliant colors.

### 1.2.1 Highlights

- ✓ **Bright luster, brilliant color**

our innovative package-dyed technique ensures that the finished rayon yarn is much Brighter on luster than Dope-dyed (solution-dyed) rayon yarn.

- ✓ **Maximum color range**

Regular colors > 2000, there is almost no limits on color; the most important point is that we are able to dye and match to the customers' colors, it's so easy to develop the new colors.

- ✓ **Exact color-matching, good color-consistency on repeated lots**

The computerized color-matching system & other laboratory appliances help us to decide



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the optimized recipe of color; the digital dyestuff dosing & weighing system & automatic dyeing machines ensure to minimize the color variation & difference during dyeing process. The recipe database management system stored the individual recipe for each customer, it will help us to maximize the color-consistency on repeated lots.

✓ **Flexible dye-lot size**

Minimum dye-lot size: < 120.00kgs per color

✓ **Competitive prices**

Innovative low bath-ratio dyeing technique, shorter dyeing period, recycled water help us to cut down the production cost, improve the productivity efficiently.

✓ **Eco-friendly**

Only qualified reactive dye is used! AZO-free, dyed rayon filament yarn is compliance with Swiss Oeko-Tex standard 100.

## 1.2.2 Specification

Titre/Counts		Filaments	Ply	Sheen	Spun-type	Twists	Pattern		Dye lot size	Unit packing
Denier	Dtex	-	-	-	-	TPM	raw white	dyed	min (kg/color)	grams/cone
120	133	30F/40F	1	bright	centrifugal	90±10	√	√	120	100-1000
150	167	30F/40F	1	bright	centrifugal	90±10	√	√	120	100-1000
250	278	50F	1	bright	centrifugal	90±10	√	√	120	100-1000
300	333	50F/60F	1	bright	centrifugal	90±10	√	√	120	100-1000
450	500	75F	1	bright	centrifugal	90±10	√	√	120	100-1000
600	666	100F	1	bright	centrifugal	90±10	√	√	120	100-1000

for special specifications, pls inquire to us directly. We are able to dye and match to customer's colors.



### 1.2.3 Technical indices

Titre/Counts		Ply	Twists	Dry tenacity	Tenacity deviation	Break elongation	Color difference	Color fastness		Knots
Denier	Dtex	-	TPM	cn/dtex	%	%	grey card	washing	light	per cone
120	133	1	S 90±10	≥1.80	≤3	16-25	≥4.0	4-4.5	>5.0	≤6
150	167	1	S 90±10	≥1.80	≤3	16-25	≥4.0	4-4.5	>5.0	≤6
250	278	1	S 90±10	≥1.95	≤3	16-25	≥4.0	4-4.5	>5.0	≤6
300	333	1	S 90±10	≥1.95	≤3	16-25	≥4.0	4-4.5	>5.0	≤6
450	500	1	S 90±10	≥1.95	≤3	16-25	≥4.0	4-4.5	>5.0	≤6
600	666	1	S 90±10	≥1.95	≤3	16-25	≥4.0	4-4.5	>5.0	≤6

the laboratory data is offered for reference only

### 1.2.4 Application

- ✓ **Weaving** -Georgette, crepe, satin, ribbon
- ✓ **Knitting** -Warp knitting, weft knitting fabrics
- ✓ **Embroidering** -Twisted rayon filament yarn is widely used for multi-head & Schiffli embroidering
- ✓ **Braiding** -Tassel, fringes, elastic tapes

### 1.3 Twisted viscose rayon filament yarn



✓ From 75denier to 600denier in Single ply, twists (TPM) from 200-1200 TPM in S or Z direction.

✓ From 75denier to 600denier in Two plies , twists from 200-800 TPM, packed in conical cone or king spool



## 2.1 Viscose Staple Fiber



### 2.1.1 Specification:

1.2Denier x 32mm/38mm, 1.5Denier x32mm/38mm, 2.0Denier x51mm

### 2.1.2 Pattern:

- ✓ Raw white
- ✓ Dyed

Flexible and small dye-lot size requirement, We are able to Dye and Match to customers' colors

### 2.1.3 Application:

- ✓ Pure spinning or blended with other fibers
- ✓ Non-woven fabrics

## 3.1. 100% Viscose Spun Yarn



### 3.1.1 Specification:

Open end: NE 7S/1, 10S/1, 13S/1, 16S/1 20S/1, 30S/1

Ring Spun: NE 20S/1, 20S/2, 30S/1, 30S/2, 40S/1, 40S/2

Vortex: NE 30S/1, 30S/2, 40S/1, 40S/2



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### 3.1.2 Pattern:

- ✓ Raw White
- ✓ Dyed

Flexible and small dye-lot size requirement, We are able to Dye and Match to customers' colors

### 3.1.3 Application:

- ✓ Weaving
- ✓ Flat and circular knitting

We welcome you to visit us, for any queries, pls do not hesitate to [contact us](#).