Melantra
Blended to Perfection

RSWM Limited
an LNJ Bhilwara Group Company

SUSTAINABLE MELANGE YARNS

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25 MW SOLAR POWER
Plants installed in Rajasthan

800,000 TONS
of CO_2 emissions reduced annually

3,600 TONS
of Fibre Green® produced every month

183 CR.
PET bottles recycled annually

30 TONS
of Fabric recycled every month through Garnetting

100 METRIC TONS plastic
2 TONS paper
20 TONS metal recycled per day

4,92,750 KILOLITRES
water saved annually through water effluent treatment plant

1.5 LAKH
trees planted every year as a part of RSWM initiative

1000 LITRES
of fossil fuel saved by travel or generation of power

GREEN BUILDING
Offices and Mills for energy saving

OUR STANCE TOWARDS SUSTAINABILITY

SUSTAINABLE MELANGE YARNS

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RIGHT USE Be mindful. Know what to use, how to use, and how much to use.

RETHINK Your strategies for sustainability.

REPAIR Your infrastructure for sustainment.

REUSE Find ways to give discarded items a new purpose.

REDUCE The generation of water effluents and other harmful components.

REFUSE Refuse what you do not require. Take steps to avoid generating waste before disposing of it.

RECYCLE In an attempt to preserve the natural resources for the future.

RECOVER The Eco-system from dangerous toxins.

REGIFT Our mother Earth by spreading awareness about sustainability and by planting more trees.

NEW LIFE To you, to the Earth, and to the Recycled materials.

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EPITOME OF PERFECTION

RSWM Limited, the flagship company of LNJ Bhilwara group is one of the most supreme & top grossing manufacturers-exporters of synthetic and blended spun yarns in India. Under the thorough guidance of RSWM Ltd.'s Chairman and Managing Director Mr. Riju Jhunjhunwala, the company spans over 78 countries all over the world and has established a repertoire for supplying best in class high quality yarns to the most prolific, responsible and eminent brands as they sit at the pinnacle of the textile industry - thanks to RSWM's praiseworthy commitment and competent state of the art facility.

In 1961, L.N. Jhunjhunwala laid the foundation by setting up LNJ Bhilwara Group, a consortium of distinctive businesses with a strong hold in textiles, graphite electrodes, power generation, power engineering and information technology services with its annual turnover surpassing INR 5,600 crore. The Group with over 60 years of experience has changed the complexion of textile industry and that single textile plant in 1961 expanding into several plants to fulfill the modern textile requirements.

In its 10 manufacturing units situated across Rajasthan with a production capacity of 4,97,000 spindles and 172 looms, RSWM offers innumerous yarn blends such as cotton, synthetic, core-spun, zero twist, hollow core, greige, dyed, fancy, mélange, eco-friendly and sustainable yarns. These knitting and weaving yarns are used for textile applications like suiting, shirting, knits, sewing thread, home furnishing, carpets, industrial & medical applications.

RSWM has seen heights of success for the last 60 years for manufacturing high-end cotton, mélange, synthetic, novelty, denim, and sustainable yarns all around the world.

RSWM has been felicitated with Rajiv Gandhi national quality award thrice and it is recognized as a Golden Trading House by the Indian government.

The LNJ Bhilwara group is Proud To Be Indian, Privileged To Be Global and the legacy continues.

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INDEX FOR EXPERIENCE

PRODUCT NAME
WOOL YARN
SILK YARN
HEMP YARN
LINEN YARN
RECYCLED POLYESTER YARN
RECYCLED COTTON YARN
ECOVERO™ YARN
LIVAECO™ YARN
LIVA REVIVA YARN
TENCEL™ REFIBRA™ YARN
TENCEL™ LYOCELL YARN
SEACELL™ YARN
CUPRO (BEMBERG™) YARN
UMORFIL® BEAUTY® YARN
LOTUS YARN
BAMBOO YARN
R-ELAN™ ECOGOLD (CICLO®) YARN
COFFEE CHARCOAL (SCAFE®) YARN
SORONA SUSTANS® YARN
COOLMAX® ECOMADE™ YARN

RSWM Limited
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WOOL YARN

SALIENT FEATURES

1. Comes from Merino sheep – a breed of sheep.
2. Known for its adaptability, softness, and skin friendliness.
3. Thinner than human hair. Human hair is 30 microns, whereas Merino ranges from 14.5-23.5 microns.
4. Clothes produced are flexible, resistant to water, stain resistant, odours resistant, and wrinkle resistant.
5. Five times more elastic than cotton. Hypo-allergenic and also protects our skin from UV rays (SPF20+).
6. Biodegradable, organic, and eco-friendly.

DYEING PROCESS
Wool is dyed using various dyes such as Acid metal complex dyes, Reactive dyes and Natural. Best dye for levelness is levelling acid & best dye for fastness is reactive wool dye.

WASH CARE
Lukewarm water, approximately 30°C, using a neutral, mild detergent is preferred. Thorough rinsing with lukewarm and finally with cold water is recommended.

IRON CARE
Requires light ironing.

APPLICATIONS
Wool clothes, wool blankets and other wool items.

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COUNT: **1/30S** • BLEND: **COTTON/WOOL 80/20** • LOT NO. **1852300373** • SHADE NO. **89958012**

COUNT: **1/26S** • BLEND: **COTTON/WOOL 80/20** • LOT NO. **2152300640** • SHADE NO. **89958038**

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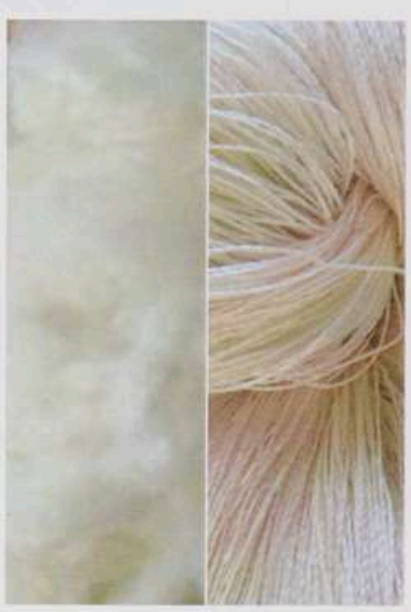
SILK YARN

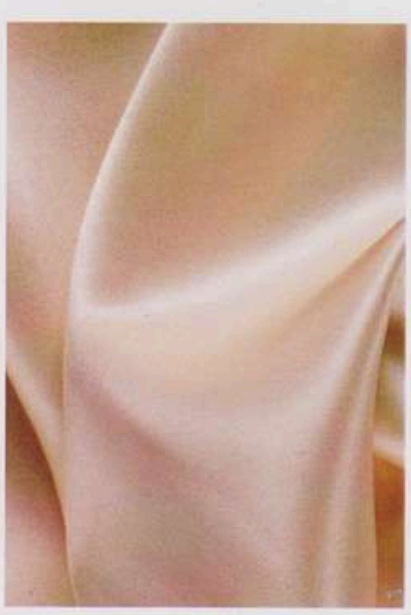
SALIENT FEATURES

1. Strongest fibre in the world grown through a natural process.
2. Fibroins, a natural protein is used for production.
3. Bombyx Mori larvae that reside in mulberry trees are responsible for majority of silk production globally.
4. Soft, durable, lightweight and shines elegantly.
5. Keeps warm in winters and cool in summers.
6. Highly absorbent and can absorb 30% of its weight without the damp feeling.
7. Sustainable fibre, eco-friendly and does not harm the environment.
8. Silk yarn is Thermoregulatory, hypo-allergenic, biodegradable, hydrophilic, and dyes well.

DYEING PROCESS
Silk is dyed using various dyes such as Acid dyes, basic, metal-complex, chrome, reactive dyes etc. Acid dyes are more suitable for silk.

APPLICATIONS
Shirts, blouses, scarves, undergarments, pillows, and curtains.





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COUNT: **1/30S** • BLEND: **COTTON/WOOL/SILK 87/08/05** • LOT NO. **2352100327** • SHADE NO. **89930023**

COUNT: **1/30S** • BLEND: **COTTON/SILK 80/20** • LOT NO. **1950100131** • SHADE NO. **89958000**

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HEMP YARN

SALIENT FEATURES

1. Outer portion of stalks of Cannabis sativa plants are used.
2. Strongest natural fibre and durable than any natural fibre. Also lasts longer.
3. Clothes are able to retain their shape as this yarn is not that stretchable.
4. Colour retention is better than cotton.
5. Naturally porous, breathable, and dries quickly.
6. Fabric made is thermoregulatory, UV resistant, anti-microbial, washable, and a great insulator.
7. Quality remains the same even if exposed to the scorching Sun.

BLEND RATIO
To obtain the properties in the final fabric, 5%-20% of this can be blended with other fibres.

DYEING PROCESS
Dyeing is similar to Cotton fibre dyeing. Different class or reactive dyes like Hot brand, Cold brand etc. is used to dye the fibre or its cellulose blends.

APPLICATIONS
Dresses, suits, separates, skirts, jackets, pants, blouses, shirts, children's wear, curtains, draperies, upholstery, bedspreads, table liners, sheets, and dish towels.

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COUNT: **1/24S** • BLEND: **COTTON/MODAL/HEMP 50/30/20** • LOT NO. **2150101889** • SHADE NO. **DGRNMH**

COUNT: **1/24S** • BLEND: **COTTON/RECYCLED POLY/HEMP 50/30/20** • LOT NO. **2150101891** • SHADE NO. **89953601**

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LINEN YARN

SALIENT FEATURES

1. Made from Flax plant branches.
2. One of the oldest textile fibres used by humans. Production method has no chemical footprint.
3. Gets softer and flexible with each wash.
4. Absorbs 20% of its own weight, and keeps the skin dry.
5. Stronger than cotton. Dries quickly and absorbs moisture & sweat efficiently.
6. Anti-microbial, hypo-allergenic and thermoregulatory.
7. OEKO-TEX 100 Class 1 certified fibre, free from harmful chemicals.

BLEND RATIO
To obtain the properties in the final fabric, 5%-20% of this can be blended with other fibres.

DYEING PROCESS
Dyeing is similar to Cotton fibre dyeing. Different class or reactive dyes like Hot brand, Cold brand etc. is used to dye the fibre or its cellulose blends.

APPLICATIONS
Bedsheets, pillowcases, blankets, dishtowels, bath towels, upholstery, skirts, shirts, suits, dresses, luggage, thread, aprons, bags, napkins, table clothes, and diapers.

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COUNT: **1/20S** • BLEND: **POLY/COTTON/LINEN 40/52/08** • LOT NO. **1652301450** • SHADE NO. **89943605**

COUNT: **1/30S** • BLEND: **POLY/COTTON/LINEN 40/52/08** • LOT NO. **1752102108** • SHADE NO. **89932611**

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RECYCLED POLYESTER YARN

SALIENT FEATURES

1. Recycled polyester (rPET) is made from plastic bottles.
2. Eco-friendly and lasts longer.
3. Significantly reduces the carbon footprint.
4. Compared to virgin polyester, it reduces 70% of greenhouse gases.
5. rPET can be recycled indefinitely.
6. Contains signs of the environment sustainability, and sustainability of the clothes.
7. An efficient way of removing industrial landfills.

BLEND RATIO
To obtain the properties in the final fabric, 100% of this can be blended with other fibres.

DYEING PROCESS
Can be dyed in any shade except White & Bright shade using Disperse dyes.

WASH CARE
It should be washed with a very small amount of softener for a capacious touch, and smoother feel.

IRON CARE
Steam well while ironing.

APPLICATIONS
Outerwear, fashion & casual apparel, interior furnishings for home & office, men's and women's wear, knits, and woven fabrics.

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COUNT: **1/30S** • BLEND: **RECYCLED POLY/BCI COTTON 40/60** • LOT NO. **2150100026** • SHADE NO. **GGRNPC**

COUNT: **1/30S** • BLEND: **RECYCLED POLY/BCI COTTON 40/60** • LOT NO. **2150100027** • SHADE NO. **FBLUPC**

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RECYCLED COTTON YARN

SALIENT FEATURES

1. A conversion process of cotton fabric into cotton fibres, to be re-used in textile products.
2. Also known as Reclaimed Cotton, Regenerated Cotton, or Shoddy.
3. Requires less water than growing virgin cotton. Reduces water and energy consumption.
4. Recycled raw materials, used, re-conditioned, and re-manufactured components are used for production.

BLEND RATIO
To obtain the properties in the final fabric, maximum 20% of this can be blended with other fibres.

DYEING PROCESS
Can be dyed in any shade using Reactive, Direct and Natural dyes.

WASH CARE
Advised to wash it normally using mild detergent and cold water.

IRON CARE
Ironing on full heat is recommended.

APPLICATIONS
Outerwear, fashion, casual apparel, Men-women's wear, knits, and woven fabrics.

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COUNT: **1/30S** • BLEND: **ORG COTTON/RECYCLED COTTON 70/30** • LOT NO. **2050101789** • SHADE NO. **88200000**

COUNT: **1/30S** • BLEND: **ORG COTTON/RECYCLED COTTON 70/30** • LOT NO. **2050101805** • SHADE NO. **88600000**

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ECOVERO™ YARN

SALIENT FEATURES

1. Certified & controlled sourced Sustainable wood & pulp is used.
2. Reduces emissions and water impact compared to Viscose.
3. Certified by EU Eco-label for strict production methods.
4. Cuts CO_2 emissions and fossil fuel consumption by 50%.
5. Biodegradable, soft, and comfortable for skin.
6. 50% less water impact.

BLEND RATIO
To obtain the properties in the final fabric, minimum 40% of this can be blended with other fibres.

DYEING PROCESS
Can be dyed in any shade through Reactive dyes.

WASH CARE
It should be washed with minimal amount of chemical softener for more voluminous touch and clearer feel.

IRON CARE
Steam well during ironing.

APPLICATIONS
Women's wear, Interlinings, Shirts, Blouses, Workwear etc.

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COUNT: **1/30S** • BLEND: **COTTON/ECOVERO 80/20** • LOT NO. **1850102702** • SHADE NO. **89951600**

COUNT: **1/30S** • BLEND: **ECOVERO/COTTON/KAPOK 60/30/10** • LOT NO. **2150100863** • SHADE NO. **89964000**

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LIVAECO™ YARN

SALIENT FEATURES

1. Made from regenerated cellulose fibre derived from wood pulp of wood sourced from FSC® certified forests, known as Sustainable Forest Management.
2. One garment production saves 900 litres of water and emits 300 grams of less greenhouse gases.
3. Goes through a number of strict R&D check-ups to ensure its eco-friendliness.
4. Clothes produced are smooth, soft, vivid, and fully compostable.
5. Biodegradable, comfortable, quick absorbent, and has good moisture management.

BLEND RATIO
To obtain the properties in the final fabric, minimum 40% of this can be blended with other fibres.

DYEING PROCESS
Can be dyed in any shade through Reactive dyes.

WASH CARE
It is suggested to wash it with minimal amount of chemical softener for more voluminous touch, and clearer feel.

IRON CARE
Steam generously during ironing.

APPLICATIONS
Women's wear, Interlinings, shirts, blouses, work wear etc.

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COUNT: **1/30S** • BLEND: **COTTON/LIVAECO 60/40** • LOT NO. **2250102487** • SHADE NO. **89947000**

COUNT: **1/30S** • BLEND: **COTTON/MODAL/LIVAECO 50/25/25** • LOT NO. **2250102628** • SHADE NO. **88600000**

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LIVA REVIVA YARN

SALIENT FEATURES

1. Made using Pre-consumer textile waste alongside a closed loop technology.
2. 80% of wood pulp and 20% of pre-consumer textile waste is used.
3. Eco-friendly, reduces greenhouse gases, and consumes less water.
4. The woods come from sustainable forests.
5. Recycled Claim Standard (RCS) certified for recycling raw materials.
6. Block chain system is used for discovering source traces.
7. Fully compostable & biodegradable, soft, comfortable, and good moisture management. Has low environmental impact.

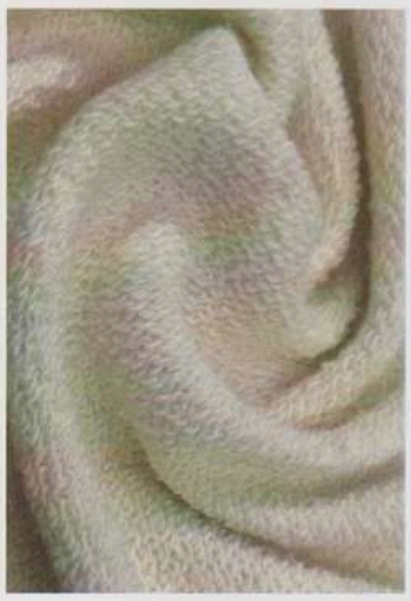
BLEND RATIO
To obtain sufficient functional effect in the final fabric, minimum 40% of this can be blended with other fibres.

DYEING PROCESS
Can be dyed in any shade using fibre supplier guidelines.

WASHCARE
It is to be washed with minimal amount of chemical softener for more voluminous touch and clearer feel.

IRON CARE
Steam generously during ironing.

APPLICATIONS
Denim wear, knitwear, Jersey yarns, piece dyed woven, and unfinished fabrics.



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COUNT: **1/30S** • BLEND: **REGENERATIVE COTTON/LIVA REVIVA 60/40** • LOT NO. **2250102363** • SHADE NO. **89300000**

COUNT: **1/30S** • BLEND: **COTTON/POLYESTER/LIVA REVIVA 50/30/20** • LOT NO. **2350102008** • SHADE NO. **89986000**

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TENCEL™ REFIBRA™ YARN

SALIENT FEATURES

1. The up-cycling of a large proportion of fibre scraps from garment production is combined with virgin wood pulp to create Tencel Lyocell fibre.
2. Cotton fabric waste is processed and transformed into cotton pulp. 20% cotton pulp is mixed with 80% wood pulp.
3. The fibres made are bio-renewable.
4. The wood pulp used comes from sustainably managed forests.
5. Uses 95% less water during production.
6. Fully compostable & biodegradable, comfortable, soft, quick absorbent, and strong.
7. Certified from Global Recycling standard and Recycled Claim Standard.
8. Has low environmental impact.

BLEND RATIO
To obtain the properties in the final fabric, 40% of this can be blended with other fibres.

DYEING PROCESS
Can be dyed with direct or reactive dyes as using for cellulosic fibres & dyeing methods will be similar to those for other cellulosic fibres. To prevent loss of anti-fibrillation properties Lyocell Std. & Lyocell LF variant have detailed dyeing guideline, which can be made available on request.

WASH CARE
It is suggested to wash with minimal amount of chemical softener for more voluminous touch, and clearer feel.

IRON CARE
Steam generously during ironing.

APPLICATIONS
Denim wear, knitwear, jersey yarns, piece dyed woven and unfinished fabrics.

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COUNT: **1/30S** • BLEND: **TENCEL REFIBRA/REC COTT/SEACELL 60/20/20** • LOT NO. **2250102041** • SHADE NO. **89926000**

COUNT: **1/30S** • BLEND: **TENCEL REFIBRA 100%** • LOT NO. **2250102047** • SHADE NO. **89975000**

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TENCEL™ LYOCELL YARN

SALIENT FEATURES

1. Natural cellulose in wood pulp is used. Sourced from harvested trees hence, a renewable resource.
2. A very strong fibre, saves energy, and natural resources.
3. Hygroscopic, permeable, strong, biodegradable, soft, and long lasting.
4. Breathable, lightweight, glossy, drapes well, has good moisture management, and is anti-bacterial.
5. Production method is called "Solvent Spinning Method".
6. Can be known as "Green fibre" since it decomposes into the soil.
7. Protects the skin and keeps it dry.

BLEND RATIO
To obtain the properties in the final fabric, minimum 40% of this can be blended with other fibres.

DYEING PROCESS
Can be dyed with direct or reactive dyes as using for cellulosic fibres & dyeing methods will be similar to those for other cellulosic fibres. To prevent loss of anti-fibrillation properties Lyocell Std., Lyocell LF & Lyocell A-100 variant have detailed dyeing guideline, which can be made available on request.

WASH CARE
It is suggested to wash it with minimal amount of chemical softener for more voluminous touch, and clearer feel.

IRON CARE
Steam generously during ironing.

APPLICATIONS
Knitwear & piece dyed woven; unfinished fabrics for garment processing, Denim, suiting, shirting, T-shirt, children wear, ladieswear etc.

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COUNT: **1/40S** • BLEND: **COTTON/TENCEL LYOCELL 50/50** • LOT NO. **1662100982** • SHADE NO. **85970017**

COUNT: **1/30S** • BLEND: **COTTON/TENCEL/CASHMERE 55/40/05** • LOT NO. **2350100446** • SHADE NO. **FBLUEPC**

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SEACELL™ LYOCELL YARN

SALIENT FEATURES

1. Seaweed and wood are the main components.
2. Seaweed comes from the aquatic ecosystems that make Seacell eco-friendly and biodegradable.
3. Have active ingredients of Seaweed.
4. Shields our skin from skin diseases, harmful UA/UV rays, and environmental toxins.
5. Comfortable, soft, and gives a serene feeling of wellness.
6. Rapidly absorbs the sweat from the body.

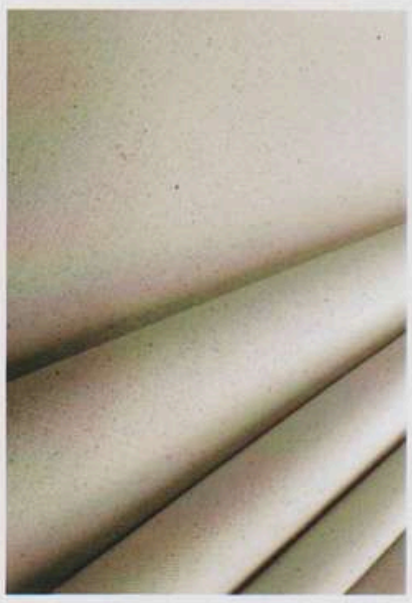
BLEND RATIO
To obtain the properties in the final fabric, 20%-25% of this can be blended with other fibres.

DYEING PROCESS
Can be dyed with direct or reactive dyes as using for cellulosic fibres & dyeing methods will be similar to those for other cellulosic fibres. To prevent loss of anti-fibrillation properties SeaCell Lyocell have detailed dyeing guideline, which can be made available on request.

WASH CARE
It should be washed with a little amount of softener for a capacious touch, and smoother feel.

IRON CARE
Steam well while ironing.

APPLICATIONS
Nightwear, baby wear, bedding & upholstery, underwear, medical wear etc.



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COUNT: **1/30S** • BLEND: **COTTON/SEACELL/NYLON 60/20/20** • LOT NO. **2150101982** • SHADE NO. **85930000**

COUNT: **1/30S** • BLEND: **MODAL/SEACELL/COTTON 40/40/20** • LOT NO. **2250100315** • SHADE NO. **87950000**

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CUPRO (BEMBERG™) YARN

SALIENT FEATURES

1. Also known as copper silk, ammonia silk or cuprammonium rayon for its properties similar to silk.
2. Produced from the short "linters" of cotton plants.
3. Consists cellulose treated with copper, ammonia and caustic soda; results in a semi-synthetic substance.
4. Retains moisture, fineness, and softness.
5. Penetrate the soil and come back to its original state. It can be recycled.
6. Thermoregulatory, hypo-allergenic, breathable, and biodegradable.

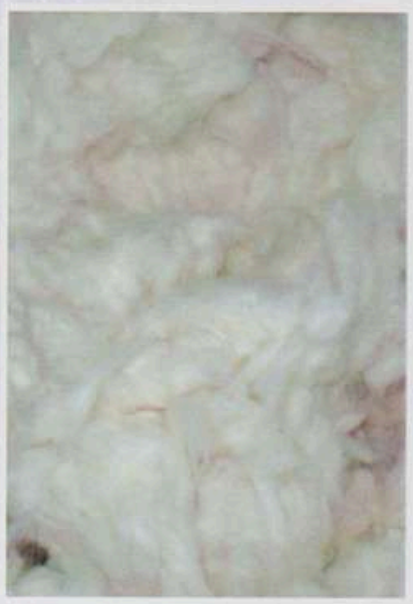
BLEND RATIO
To obtain the properties in the final fabric, 1%-100% of this can be blended with other fibres.

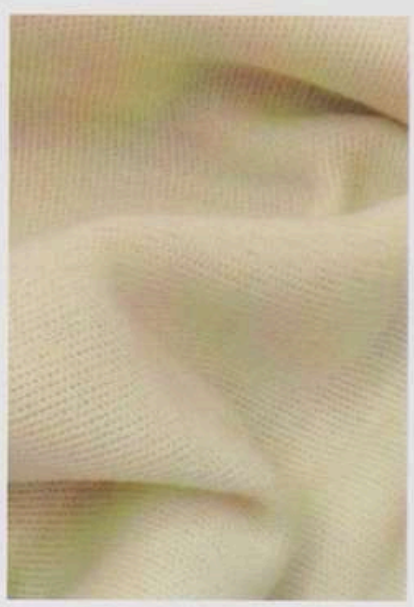
DYEING PROCESS
Can be dyed in any shade through Reactive dyeing process. Because of its more porous, more amorphous structure, Cupro exhibits faster dye takeup and greater saturation than cotton, ramie, and rayon.

WASH CARE
It should be washed with minimal amount of chemical softener for more voluminous touch and clearer feel.

IRON CARE
Steam generously during ironing.

APPLICATIONS
Innerwear, outerwear & active wear, bedding fabrics, quality linings and lingerie, fashion & casual apparel, interior furnishing for home & office.





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COUNT: **1/30S** • BLEND: **MODAL/CUPRO 60/40** • LOT NO. **2250102479** • SHADE NO. **89956000**

COUNT: **1/30S** • BLEND: **ORG COTTON/CUPRO 60/40** • LOT NO. **2250102480** • SHADE NO. **89966000**

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UMORFIL® BEAUTY® YARN

SALIENT FEATURES

1. Ocean collagen peptide amino acid from recycled fish scales and viscose fibres are the main components.
2. It is a mix of two words: Umro (moisture) and fil (any yarn).
3. Clothes retain skin moisture very well, and prevent skin ageing.
4. Suitable for the skin of infants and elderly people. Protects sensitive skin from UV-A and UV-B rays.
5. Biodegradable, eco-friendly, anti-static, deodorizing, and decomposes into the soil easily.
6. A recycled animal protein fibre with easily decomposable rayon and collagen peptides.

BLEND RATIO
To obtain the properties in the final fabric, 100% of this can be blended with other fibres. Minimum 35% required for knitting & woven, and 50% for Denim.

DYEING PROCESS
The dyeing and finishing condition of UMORFIL® Beauty Fiber® is no significant difference compared with regular viscose.

WASH CARE
It is suggested to wash it with minimal amount of chemical softener for more voluminous touch, and clearer feel.

IRON CARE
Steam generously during ironing.

APPLICATIONS
Knitwear, suiting, shirting, denim, fashion wear, inner wear, and active wear.

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RSWM Limited
an LNJ Bhilwara Group Company

COUNT: **1/30S** • BLEND: **COTTON/BEAUTY FIBRE 60/40** • LOT NO. **2250102331** • SHADE NO. **86400000**

COUNT: **1/30S** • BLEND: **COTTON/RENEWCEL VIS./BEAUTY 60/10/30** • LOT NO. **2250102343** • SHADE NO. **89200000**

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RSWM Limited
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LOTUS YARN

SALIENT FEATURES

1. Stems of Lotus plants are used.
2. 15-20% of Lotus pulp is mixed with wood pulp for production.
3. An eco-friendly fibre. Must be woven within 24 hours of extraction to retain its quality.
4. Does not involve any chemical substance for production. Has 16 amino acids; 6 of them are essential for human beings.
5. Lightweight, soft, silky, and breathable like Linen and Silk.
6. Keeps us calm, peaceful, meditative, and heals headaches, heart problems, asthma, and lung problems.

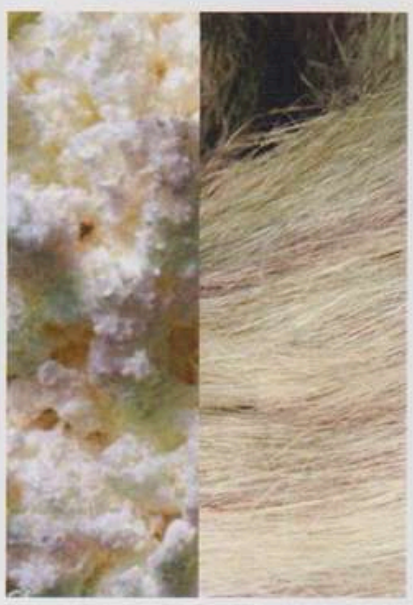
BLEND RATIO
To obtain the properties in the final fabric, minimum 50% of this can be blended with other fibres.

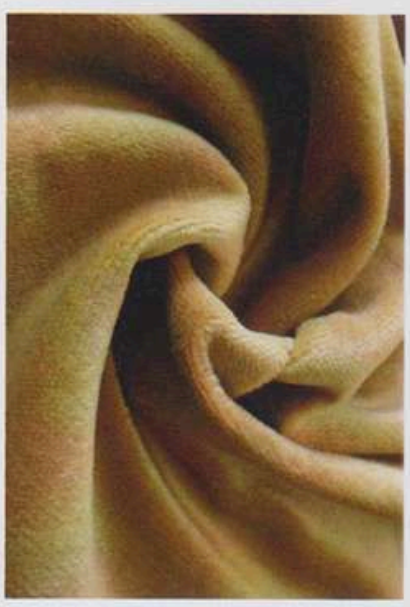
DYEING PROCESS
Can be dyed in any shade through Reactive dyeing process.

WASH CARE
It is to be washed normally using mild detergent and cold water.

IRON CARE
Ironing on medium heat is recommended.

APPLICATIONS
Knitwear, underwear, bedding etc.





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SUSTAINABLE MELANGE YARNS

RSWM Limited
an LNJ Bhilwara Group Company

COUNT: **1/30S** • BLEND: **MODAL/LOTUS 60/40** • LOT NO. **2150100065** • SHADE NO. **GBLUCL**

COUNT: **1/30S** • BLEND: **MODAL/LOTUS 60/40** • LOT NO. **2150100193** • SHADE NO. **CPURLM**

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RSWM Limited
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BAMBOO YARN

SALIENT FEATURES

1. Made from inner bamboo stem. Softer than cotton.
2. Anti-microbial and keeps odours away.
3. Most eco-friendly fibre and thermoregulatory.
4. Has skin-healing properties and protects the skin from UV rays.
5. Does not cause skin allergies.
6. Breathable and moisture resistant.

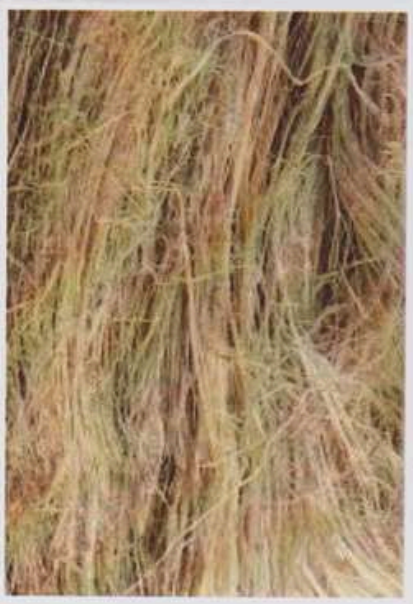
BLEND RATIO
To obtain the properties in the final fabric, 30%-100% of this can be blended with other fibres.

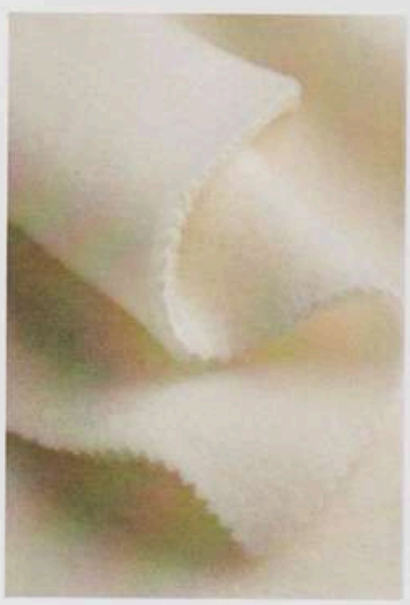
DYEING PROCESS
Can be dyed in any shade through Reactive dyeing process.

WASHCARE
Should be washed with a little amount of softener for a capacious touch and smoother feel.

IRON CARE
Steam well while ironing.

APPLICATIONS
T-shirts, socks, ladies and children wear, underwear, tights etc.





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SUSTAINABLE MELANGE YARNS

RSWM Limited
an LNJ Bhilwara Group Company

COUNT: **1/24S** • BLEND: **COTTON/BAMBOO 30/70** • LOT NO. **1950100035** • SHADE NO. **89968016**

COUNT: **1/24S** • BLEND: **COTTON/POLY/BAMBOO 50/25/25** • LOT NO. **2252306632** • SHADE NO. **89955015**

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RSWM Limited
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R-ELAN™ ECOGOLD (CICLO®)

SALIENT FEATURES

1. R-Elan Eco-Gold (CICLO) is constituted to provide breakthrough solutions for the degrading environment.
2. A unique fabric technology that activates Bio-mimetic and biodegradable process.
3. Consciously designed to reduce landfills, and reduce the non-recycled textile's impact on the environment.
4. R-Elan Eco-Gold (CICLO) helps the microbes in the environment to dismantle the materials and turns them into Carbon dioxide, water, minerals etc.
5. The production method is safe for sustainable textiles.
6. Polyester fibres with CICLO technology biodegrade at the same time as natural fibre like Wool.
7. OEKO-TEX ECO PASSPORT certified.

BLEND RATIO
To obtain the properties in the final fabric, 1%-100% of this can be blended with other fibres.

DYEING PROCESS
Can be dyed in any shade through Disperse dyeing process.

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SUSTAINABLE MELANGE YARNS

RSWM Limited
an LNJ Bhilwara Group Company

COUNT: **1/30S** • BLEND: **ORG COTTON/RELIANCE AIR THERM 60/40** • LOT NO. **2250102495** • SHADE NO. **87500036**

COUNT: **1/30S** • BLEND: **ORG COTTON//NYLON/POLYLANA 30/20/50** • LOT NO. **2250102524** • SHADE NO. **89945000**

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RSWM Limited
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COFFEE CHARCOAL (SCAFE®) YARN

SALIENT FEATURES

1. Coffee is the most consumed beverage. Its residuals discarded are used for making yarns.
2. The remainders are known as Spent Coffee Ground (SCG). 33 million pounds of SCG gets abandoned every day.
3. Consumes body odours all day long.
4. Transfers moisture from the skin to the fabric efficiently. Absorbs sweat and moisture rapidly.

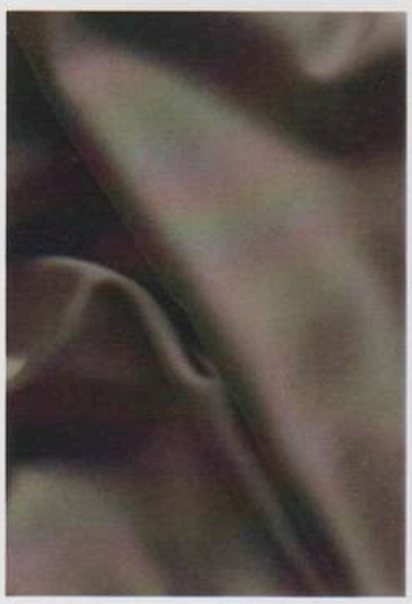
BLEND RATIO
To obtain the properties in the final fabric, minimum 30% of this can be blended with other fibres.

DYEING PROCESS
Can be dyed in any shade through Disperse dyeing process.

WASHCARE
The finish is ever lasting. It must be washed with minimum amount of chemical softener for optimum volume and smoother feel.

IRON CARE
Steam generously during ironing.

APPLICATIONS
Sportswear, outdoor recreation, home, casual, underwear, bed ware and accessories.



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SUSTAINABLE MELANGE YARNS

RSWM Limited
an LNJ Bhilwara Group Company

COUNT: **1/30S** • BLEND: **COFFEE CHARCOL/COTTON/SEACELL 30/50/20** • LOT NO. **2250102042** • SHADE NO. **89966000**

COUNT: **1/30S** • BLEND: **REGENERATIVE COTTON/COFFEE CHARCOL 50/50** • LOT NO. **2250102352** • SHADE NO. **80700000**

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SUSTAINABLE MELANGE YARNS

RSWM Limited
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SORONA SUSTANS® YARN

SALIENT FEATURES

1. A bio-component stretch yarn made from renewable resources.
2. Plant-based polymer, which reduces reliance on fossil based materials.
3. Soft like nylon, bulky like acrylic, stain resistant like polymer, and flexible too.
4. Produced through a bio-chemical process. 37% of raw material comes from renewable resources.
5. Consumes 30% less petrochemical raw materials, compared to Nylon. Deducts green house gases by 63%.
6. Has high level of flexibility. Retains its softness after annealing process.
7. Clothes made are easy to take care of, and fit well too.
8. Absorbs sweat and water very quickly. Doesn't shrink during washing or ironing.

BLEND RATIO
To obtain the properties in the final fabric, minimum 30%-35% of Sorona is required for woven applications and 20%-25% for knits application.

DYEING PROCESS
Dyeing process is close to ordinary process of Polyester (Disperse), but the dyeing technology of Sorona® Sustans is slightly different from ordinary Polyester's, especially for dyeing process and holding temperature. A detailed dyeing procedure is made available on request.

WASH CARE
It is suggested to wash it with minimal amount of chemical softener for more voluminous touch, and clearer feel.

IRON CARE
Steam generously during ironing.

APPLICATIONS
Casual/outdoor wear, jeans, active/sports wear, golf wear, gym wear, women's and men's formal wear, knitwear etc.

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SUSTAINABLE MELANGE YARNS

RSWM Limited
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COUNT: **1/30S** • BLEND: **COTTON/SORONA 60/40** • LOT NO. **2250102612** • SHADE NO. **89977000**

COUNT: **1/30S** • BLEND: **COTTON/POLY/SORONA 50/25/25** • LOT NO. **2250102623** • SHADE NO. **85500000**

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RSWM Limited
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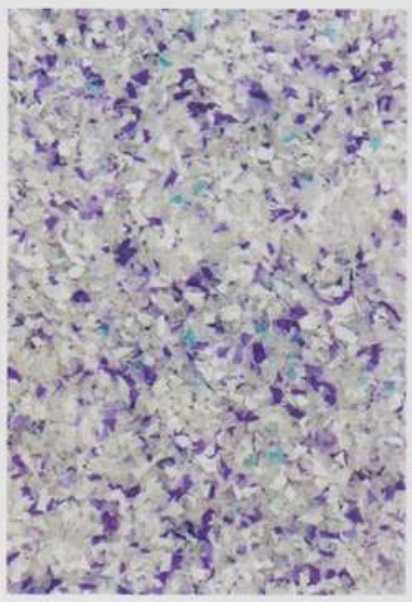
COOLMAX® ECOMADE™ YARN

SALIENT FEATURES

1. Recycled materials are used.
2. Produced with 97% textile wastes or with rPET, the first INVISTA product innovation.
3. Absorbs moisture, and sweat rapidly. Provides comfort to the wearer in any situation.
4. Thermoregulatory and also reduces CO_2 emissions by 25%.

DYEING PROCESS
Disperse dye is applicable for dyeing of Coolmax. A detailed dyeing procedure is made available on request.

APPLICATIONS
Active wear, bedding, denim, outerwear, ready-to-wear, seamless, socks, underwear, workwear etc.



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SUSTAINABLE MELANGE YARNS

RSWM Limited
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COUNT: **1/30S** • BLEND: **COTTON/COOLMAX 60/40** • LOT NO. **2250102613** • SHADE NO. **86960000**

COUNT: **1/26S** • BLEND: **COTTON/VISCOSE/COOLMAX 40/30/30** • LOT NO. **2250102616** • SHADE NO. **89947000**

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CERTIFICATIONS

FAIRTRADE

GLOBAL ORGANIC TEXTILE STANDARD · GOTS ·

ORGANIC 100 content standard

better cotton™

bsi. ISO 9001 Quality Management

bsi. ISO 14001 Environmental Management

bsi. OHSAS 18001 Occupational Health and Safety Management

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

Global Recycled Standard

RSWM Limited
an LNJ Bhilwara Group Company

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