

中国纱线流行趋势

China Yarns Fashion Trends
2023/2024

蝶变·新生

BREAKTHROUGH
• REBIRTH

中国纱线经纬全球，全球市场成就中国。共建全球纺织产业链命运共同体是中国纱线流行趋势的美好愿景。中国纱线必将在在苦练内功中重塑自我，破茧蝶变中探寻新生。

China yarns are spread all over the world, and the global market contributes to the prosperous development of China. The establishment of a destiny community of the global textile industry chain is a fine vision of the yarns fashion trend in China. China yarns are bound to remold itself in hard work and seek a new birth upon breakthroughs.

纱线趋势
YARNS TREND

绿色生态纱线，旨在促进人与自然的和谐共生，将可持续发展理念融入到纱线的研发生产中，推动行业应用更多的可再生纺纱原料，推广更加先进的清洁生产工艺，向消费者传递生态纺织理念，建立健全绿色纺织品标准，逐步引导企业积极调整产品结构，助力绿色中国，践行碳中和。

Green ecological yarns aim to promote the harmonious coexistence between humans and nature, integrate the concept of sustainable development into yarn research and development and production, drive the application of more recycled spinning raw materials in the industry, popularize more advanced clean production technology, convey the concept of ecological textile to consumers, establish and improve green textile standards, and gradually guide enterprises to actively adjust the product structure, contribute to green China and practice carbon neutrality.

绿色生态

拥抱自然·乐享美好生活

GREEN ECOLOGY

EMBRACE NATURE WITH A GOOD LIFE



转杯纺再生古棉聚酯纤维混纺纱

Rotor spinning recycled old cotton polyester fiber blended yarn

原料及规格：转杯纺再生古棉 / 涤纶 80/20 10S-32S

关键词：再生

推荐理由：选用优质再生古棉、再生涤纶，纱线风格硬挺、粗犷绿色可持续、倡导低碳循环理念。

适用范围：服装

代表企业：河南锦胜纺织有限公司

Raw materials and specifications: Rotor spinning recycled old cotton/dacron 80/20 10S-32S

Key words: Recycled

Reasons for recommendation: It uses high-quality recycled old cotton and recycled dacron, and the yarn has a stiff, rough, green and sustainable style, and advocates the concept of a low-carbon cycle.

Scope of application: Clothing

Representing enterprises: Henan Jinsheng Textile Co., Ltd.

主要质量指标与性能

Main quality indicators and performance

品种 Variety			OEC21 ^{5/1} (古棉) OEC21 ^{5/1} (Old Cotton)
条干 Evenness	条干管间变异系数 Coefficient of variation of evenness between tubes	%	1.5
	条干变异系数 Coefficient of variation of evenness	%	13.09
	千米细节 (-50%) Thin places per 1,000 meters (-50%)	个 / 千米 pcs / kilometer	0
	千米粗节 (+50%) Thick places per 1,000 meters (+50%)	个 / 千米 pcs / kilometer	15
	千米棉结 (+200%) Cotton knot per 1,000 meters (+200%)	个 / 千米 pcs / kilometer	182
	千米棉结 (+280%) Cotton knot per 1,000 meters (+280%)	个 / 千米 pcs / kilometer	10
强力 Strength	单强变异系数 Coefficient of variation of single yarn breaking strength	%	7.5
	平均强力 Average strength	cN	281.1
	最高强力 Highest strength	cN	312.4
	最低强力 Lowest strength	cN	251.2
	单纱断裂强度 Single yarn breaking strength	cN/tex	10.1
	伸长率 Elongation	%	6.1
	伸长变异系数 Coefficient of variation of elongation	%	6.9





海洋再生聚酯纤维纱线

Marine recycled polyester fiber yarn

原料及规格：100% 海洋再生涤纶 30S

关键词：海洋再生涤纶

推荐理由：近几年，海洋环境受到了严重污染，尤其是塑料污染已经成为全球性问题。根据联合国环境署在 2018 年世界环境日当天发布的报告，每年约有数百万吨塑料进入海洋，并对世界海洋生态系统造成严重破坏，此外，这些塑料还会通过微塑料、塑料碎片等形式出现在食物链中，影响动物和人类的健康。因此，海洋可再生材料的应用势在必行。海洋再生聚酯纤维纱线，原料来源于从海洋中回收的塑料瓶，采用 100% 海洋涤纶（1.33tex*38mm）生产，可针对不同应用场景定制针织、梭织（包括可免浆类产品）。

适用范围：服装、家纺、产业用纺织品

代表企业：吴江京奕特种纤维有限公司

品牌：



Raw materials and specifications: 100% Marine recycled dacron 30S

Key words: Marine recycled dacron

Reasons for recommendation: In recent years, the marine environment has been seriously polluted, and especially the plastic pollution has become a global problem. According to the report released by the United Nations Environment Program on the World Environment Day in 2018, millions of tons of plastics enter the ocean every year, causing serious damage to the world marine ecosystem. In addition, the plastic will also appear in the food chain in the form of microplastics and plastic fragments, affecting the health of animals and human beings. Therefore, the application of marine recycled materials is imperative. The marine recycled polyester fiber yarn takes the plastic bottles recovered from the ocean as the raw material, and is produced with 100% marine dacron (1.33tex*38mm). It can be customized for knitting and weaving (including pulp-free products) according to different application scenarios.

Scope of application: Clothing, home textile, industrial fabric products

Representing enterprises: Wujiang Jingyi Special Fiber Co., Ltd.



主要质量指标与性能

Main quality indexes and performances

指标 Indexes	项目 Items	原生 T30s Original T30s	海洋再生 T30s Marinerecycled T30s
条干 CV%	Evenness CV%	12.2	12.7
CVb		1.02	1.18
Thin-50%		1	4
Thick+15%		5	8
Neps+200%		3	6
H		4.13	3.76
HCvb		3.25	2.24
平均强力 CN Average strength CN		560	514
单强 CV%	Single yarn breaking strength CV%	6.8	7.2
最低强力 CN Lowest strength CN		469	402
断裂伸长率 % Elongation at break %		9.6	9.8
单强 CN/tex Single yarn breaking strength CN/tex		28.4	26.1

赛络紧密纺循环再利用 再生纤维素纤维高支纱



Compact Siro-spun recycling recycled
cellulose fiber high-count yarn

原料及规格：赛络紧密纺 FINEX 粘胶 60S

关键词：高品质 绿色环保

推荐理由：在已臻成熟的种植林生产体系外，纤生代 FINEX 纤维是赛得利自主研发的，以废旧纺织品为原料生产的可循环再生纤维，其废旧纺织品含量达到 20%，再生溶解浆的碳排放量不到传统溶解木浆碳排放量的 10%，可应用于全新的植物基服装以及无纺用品，引领时尚行业前所未有的绿色变革。纤生代纤维性能优越，让循环技术在纺织领域广泛使用。

适用范围：服装、家纺、产业用等

代表企业：林茨（南京）粘胶丝线有限公司

品牌：纤生代

Raw materials and specifications: Compact Siro-spun spinning FINEX viscose 60S

Key words: High-quality, green, environmentally-friendly

Reasons for recommendation: In addition to the mature planting forest production system, the FINEX fiber is independently developed by Sateri. The recycling recycled fiber produced with waste textiles as raw materials has a waste textile content of 20%, and the carbon emission of recycled dissolved pulp is less than 10% of that of traditional dissolved wood pulp. It can be applied to brand-new plant-based clothing and non-woven products, leading to an unprecedented green change in the fashion industry. The excellent performance of FINEX fiber realizes the wide use of recycling technology in the textile field.

Scope of application: Clothing, home textile, industrial use, etc.

Representing enterprises: Linz (Nanjing) Viscose Yarn Co., Ltd.

Brand: Finex

主要质量指标与性能

Main quality indexes and performances

产品名称 Product Name	FINEX 紧密赛络纺纱线 60 支 FINEX compact Siro-spun yarn 60s
纱线条干 CV Yarn evenness CV	12.42
纱线毛羽 Yarn hairiness	2.66
纱线断裂比强度 Breaking ratio strength of yarn	16.94cN/tex
纱线断裂伸长 Elongation at break of yarn	11.9%



赛络紧密纺亚麻再生纤维素纤维混纺纱

Compact Siro-spun flax recycled cellulose
fiber blended yarn

原料及规格：亚麻 / 环保粘胶 55/45 15S

关键词：抑菌 防静电 易上色

推荐理由：该产品使用欧洲亚麻落麻，经过物理开松，适用于棉纺设备生产，细纱采用赛络纺工艺提高纱线强力、降低强力不匀和粗细节。用该纱线织造的面料兼具两种纤维的优点，具有抑菌、吸湿排汗、防静电、上色绚丽多彩、织物悬垂性好、透气飘逸、手感舒适等特点。

适用范围：高档服装面料、家纺家居、针织、餐厨用品

代表企业：河南平棉纺织集团股份有限公司



Raw materials and specifications: Flax/ environmentally-friendly viscose 55/45 15S

Key words: Bacteriostatic, antistatic, easy coloring

Reasons for recommendation: This product uses European flaxnoil and is suitable for cotton spinning equipment production after physical opening. The Siro-spun process is used to improve spun yarn strength and reduce uneven strength and thin/thick places. The fabric woven with this yarn has the advantages of both fibers, and has antibacterial, moisture-wicking, anti-static, and colorful characteristics with good fabric drapability, breathability, and comfortable hand feeling.

Scope of application: High-grade clothing fabrics, home textiles, knitting, and kitchenware.

Representing enterprises: Henan Pingmian Textile Group Co., Ltd.

主要质量指标与性能

Main quality indexes and performances

产品名称及规格 Product name and specification	赛络纺 亚麻 / 兰精环保 55/45 15S Siro-spun flax/Lenzing environmental protection 55/45 15S		
检验项目 Test Items	单位 Unit	标准技术要求 Standard technical requirements	实测结果 Results
百米重量偏差 Weight deviation per 100 meters	%	±4.0	2.1
百米重量变异系数 (CV) Coefficient of variation (CV) per 100 meters weight	%	≤ 3.5	1.83
单纱断裂强度 Single yarn breaking strength	CN/tex	≥ 6.0	8.5
单纱强力变异系数 (CV) Coefficient of variation (CV) of single yarn strength	%	≤ 18.0	8.0
条干均匀度变异系数 (CV) Coefficient of variation (CV) of evenness	%	≤ 29.0	24.8
千米细节 (-50%) Thin places per 1,000 meters (-50%)	个 / km Pc / km	/	355
千米粗节 (+50%) Thick places per 1,000 meters (+50%)	个 / km Pc / km	/	2320
千米棉结 (+200%) Cotton knot per 1,000 meters (+200%)	个 / km Pc / km	/	2842
纤维含量 Fiber content	%	麻 55±1 Flax 55±1	麻 55.7% Flax 55.7%



赛络紧密纺再生纤维素纤维 棉混纺本色纱

Compact Siro-spun recycled cellulose
fibercotton blended gray yarn

原料及规格：赛络紧密纺 环保粘胶 / 棉 60/40 32S

关键词：绿色环保 透气 柔软

推荐理由：该产品将博拉环保粘胶纤维和棉纤维按照一定的比例进行混纺，不仅保持了粘胶纤维柔软透气和顺滑的特点，同时兼具棉纤维吸湿性能好、透气性强、手感柔软、性能稳定的特点，两种纤维的特性优势实现互补，适用于制织各种中高档服装面料及家纺产品。

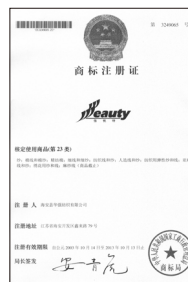
适用范围：服装、家纺

代表企业：南通华强布业有限公司

品牌：倍优特



产品获得专利：一种新型梳棉机双卷喂入装置、一种具有跳管降速功能的粗纱机、一种托盘式全自动络筒机空纱管准确落入容器装置



Raw materials and specifications: Compact Siro-spun environmentally-friendly viscose/cotton 60/40 32S gray yarn

Key words: Green, environmentally-friendly, air permeable, soft

Reasons for recommendation: This product blends Birla environmentally-friendly viscose fiber and cotton fiber according to a certain proportion, which not only keeps the soft, breathable and smooth characteristics of viscose fiber, but also has the cotton fiber's characteristics of good moisture absorption, strong permeability, soft hand feeling and stable performance. The characteristics and advantages of the two fibers complement each other, and it is suitable for weaving various middle and high-grade clothing fabrics and home textile products.

Scope of application: Clothing, home textile

Representing enterprises: Nantong Huaqiang Cloth Industry Co., Ltd

Brand: Beauty

The patent of the product: A new double-roll feeding device for the carding machine, a roving frame with the function of tube jumping and speed reduction, and a tray-type device for the empty yarn tube of the full-automatic winding machine accurately dropping into containers



主要质量指标与性能

Main quality indexes and performances

序号 SN	质量指标 Quality Indicator	单位 Unit	标准 Standard	实测值 Result
1	纤维含量 Fiber content	%	±1.5	环保粘胶 60.4/ 棉 39.6 environmentally-friendly viscose 60.4/cotton 39.6
2	单纱断裂强力变异系数 CV Variation coefficient of breaking strength of single yarn CV	%	≤ 6	5.5
3	断裂伸长率变异系数 CV Variation coefficient of elongation at break CV	%	≤ 7.2	6.4
4	百米重量变异系数 CV Coefficient of variation (CV) per 100 meters weight	%	≤ 1.5	1
5	单纱断裂强度 Single yarn breaking strength	cN/tex	≥ 13.2	14.4
6	百米重量偏差 Weight deviation per 100 meters	%	±1.5	+0.4
7	线密度 Linear density	Tex/s	/	18.5/31.8
8	百米重量 Weight per 100 meters	g	/	1.644
9	条干均匀度变异系数 CV Coefficient of variation of evenness CV	%	≤ 10.1	9.8
10	棉结 (+ 200%) Cotton knot (+200%)	粒 /km pcs/km	≤ 15	10

BROS®

降耗节水牛仔色纺纱

Consumption-reducing and water-saving denim color-spun yarn

原料及规格：ECOINDIGO 牛仔纱线

关键词：环保 高色牢度 超柔

推荐理由：全新环保产品 ECOINDIGO™ 是一款颠覆传统牛仔行业的色纺纱线，可以进行牛仔工艺的传统轻洗水从而得到马骝、怀旧等效果。更为重要的是，其牢度高，洗水脱色少，废水更容易处理，为环境可持续发展带来全新的方向。

适用范围：服装、家纺

代表企业：百隆东方股份有限公司

品牌：ECOINDIGO™



Raw materials and specifications: ECOINDIGO denim yarn

Key words: Environment-friendly, high color fastness, super soft.

Reasons for recommendation: ECOINDIGO™, a brand-new environment-friendly product, is a color-spun yarn that subverts the traditional denim industry. It can be washed lightly with the traditional denim process to get the effect of maliu and nostalgia. More importantly, it has high fastness, light decoloration of washing, and easier treatment of wastewater, which brings a new direction for environmentally sustainable development.

Scope of application: Clothing, home textile

Representing enterprises: BROS Eastern Co., Ltd.

Brand: ECOINDIGO™



主要质量指标与性能

Main quality indexes and performances

产品 Product	100% 棉的针织面料，颜色为靛蓝 50A#(普洗后样) ,20S/1 100% cotton knitting fabric, with the color of indigo, 50A# (after ordinary washing), 20S/1			
指标 Indicators	执行标准 Executive standard		等级 Grade	
耐摩擦色牢度 Color fastness to rubbing	干 Dry	GB/T 3920-2008	4	
	湿 Wet		3	
耐光色牢度 Color fastness to light	晒到 4 级 Suntanned to Grade 4	GB/T 8427-2008, 方法 3 氙弧灯 GB/T 8427-2008, Method 3 xenon arc lamp	好于 4 Better than 4	
耐洗色牢度 Color fastness to washing	颜色变化 Color Change	GB/T 3921-2008, Test method A (1), 40°C, 30 分钟机械洗涤, 用 0.5% 的皂片, 浴比为 50 : 1	4-5	
	沾色 Staining	棉 Cotton	4-5	
		羊毛 Wool	4-5	
耐汗渍色牢度 Color fastness to perspiration	颜色变化 Colour Change	GB/T 3922-2013	酸 4-5 Acid 4-5	碱 4-5 Alkaline 4-5
	沾色 Staining		酸 4-5 Acid 4-5	碱 4-5 Alkaline 4-5
			酸 4-5 Acid 4-5	碱 4-5 Alkaline 4-5
耐水色牢度 Color fastness to water	颜色变化 Colour Change	GB/T 5713-2013	4-5	
	沾色 Staining		4-5	
			4-5	



聚乳酸混纺色纺纱

Polylactic acid blended color-spun yarn

原料及规格：赛络紧密纺 粘胶 / 聚乳酸 / 精梳棉 50/30/20 40S

关键词：可降解 时尚

推荐理由：通过对纺纱工序进行重构、对梳理设备进行改造，纤维混合均匀度得到大幅提升，进一步降低了纤维损耗，优化配置各工序工艺，实现了聚乳酸色纺纱线的生产，产品更天然、环保、可降解，同时具有一定抑菌效果。

适用范围：服装、家纺、产业用

代表企业：沛县新丝路纺织有限公司

品牌：新起点色纺



Raw materials and specifications: Compact Siro-spun viscose/polylactic acid/combed cotton 50/30/20 40S

Key words: Degradable, fashionable

Reasons for recommendation: By reconstructing the spinning process and reforming the carding equipment, the fiber mixing uniformity is greatly improved, the fiber loss is further reduced, and the technology of each process is optimized to realize the production of polylactic acid blended color-spun yarn. Therefore, the product is more natural, environmentally friendly and degradable, and has a certain antibacterial effect.

Scope of application: Clothing, home textile, and industrial use

Representing enterprises: Peixian Xinsilu Textile Co., Ltd.

Brand: Xinqidian color spinning



生物基尼龙混纺色纺纱

Bio-based nylon blended color-spun yarn



原料及规格：棉 / 生物基尼龙 / 莱赛尔 40/30/30 16S-50S

关键词：低温易染

推荐理由：采用生物基尼龙纤维，可实现活性染料深染，低温易染更节能环保。采用赛络紧密纺纺纱方式，在保证织物物理机械性能的同时可确保织物优良的手感，可适用于各种结构的针织和机织面料，面料产品手感轻盈柔软、亲肤舒适、悬垂性好。

适用范围：针织内衣、家纺、服装等

代表企业：汶上如意技术纺织有限公司

品牌：天容牌

Raw materials and specifications: Cotton/bio-based nylon/Lyocell 40/30/30 16S-50S

Key words: Low temperature, easy dyeing

Reasons for recommendation: It uses bio-based nylon fiber, which can realize deep dyeing with reactive dyes, and become more energy-saving and environmentally friendly with the function of low temperature and easy dyeing. Compact Siro-spun spinning is adopted to ensure the physical and mechanical properties of the fabric and the excellent hand feelings of the fabric, which is suitable for knitted and woven fabrics with various structures. The fabric product has light and soft hand feelings, and is comfortable and skin-friendly with good drapability.

Scope of application: Knitted underwear, home textiles, clothing, etc.

Representing enterprises: Wenshang Ruyi Technology Textile Co., Ltd.

Brand: Tianrong

主要质量指标与性能

Main quality indexes and performances

项目 Item	线密度变异系数 Variation Coefficient of linear density	单纱断裂强力变异数 % Variation coefficient of breaking strength of single yarn	单纱断裂强度 cn/tex ≥ Single yarn breaking strength	耐皂洗色牢度 (级) Color fastness to soaping (level)		耐汗渍色牢度 (级) Color fastness to perspiration (level)		耐干摩擦色牢度 (级) Color fastness to dry friction (level)
				变色 Discoloring	沾色 Staining	变色 Discoloring	沾色 Staining	
FZ/T 12016-2014 优等品指标 FZ/T 12016-2014 superior product indicator	3.0	13.0	13.0	≥ 3-4	≥ 3	≥ 3-4	≥ 3	≥ 3-4
本产品 The product	1.5	7.0	15.0	4-5	4-5	4-5	4-5	4-5
常规产品 Conventional product	1.5	7.8	14.9	4	4	4	4	4

功能赋予纱线，利用功能性纤维或特殊工艺赋予纱线全新功能，涵盖抑菌防螨、运动保健、阻燃隔热、超柔高弹等方面，赋予了纱线产品更多的环境适应性，改变了纺织服装服用效果的固有实现方法。当前，功能赋予类纱线已渗透到国民经济各个领域，性能已不仅仅局限于单一功能，而是趋向多功能、高功能、复合功能的方向发展。

Function energizes the yarn. With brand-new functions by using functional fibers or special processes, the yarn can realize antibacterial and mite-proof, sports health care, flame retardant and heat insulation, super flexibility and high elasticity, etc., which endows the yarn products with more environmental adaptability and changes the inherent realization method of the textile and clothing effect. At present, the application field of functional yarn has penetrated into all fields of the national economy, and its performance is not limited to a single function but tends to be multi-functional, high-functional and compound-functional.

功能赋予

破除枷锁·探寻设计至美

FUNCTION CREATION

BREAK SHACKLES TO EXPLORE THE BEAUTY OF DESIGN



纯棉抑菌抗病毒纱线

Pure cotton antibacterial and antiviral yarn

原料及规格：100% 改性抑菌棉 20S-60S

关键词：抑菌 舒适

推荐理由：该产品从富含锌元素的海洋生物中提取有机锌，通过大分子接枝改性技术反应到含有大量 OH- 羟基、NH3- 胺基等基团的棉纤维分子链上，然后生产出具有安全零溶出和耐洗性的抑菌抗病毒天然健康的棉纤维。

适用范围：内衣、家纺、工装服饰、休闲服饰、运动服饰、医卫及公共场合纺织品

代表企业：利泰醒狮（太仓）控股有限公司

品牌：利泰醒狮

Raw materials and specifications: 100%Modified bacteriostatic cotton 20S-60S

Key words: Antibacterial, comfortable

Reasons for recommendation: The product extracts organic zinc from marine organisms rich in zinc, and reacts to the molecular chain of cotton fiber containing a large number of OH-hydroxyl and NH3-amine groups through macromolecular grafting modification technology to produce antibacterial and antiviral natural and healthy cotton fiber with safe zero dissolution and washing resistance.

Scope of application: Underwear, home textiles, work clothes, casual clothes, sportswear, medical and health care and public textiles.

Representing enterprises: Litai Xingshi (Taicang) Holding Co., Ltd.

Brand: Litai Xingshi



主要质量指标与性能

Main quality indexes and performances

产品名称 Product Name	纯棉抑菌抗病毒纱线 (20% 锌棉) ——纤维成分 100% 棉 Pure cotton antibacterial and antiviral yarn (20% zinc cotton) ——Fiber content 100% cotton	
	要求抑菌率 Requirement Inhibition	抑菌率 Inhibition
金黄色葡萄球菌 Staphylococcus aureus	≥ 80%	97.33%
大肠杆菌 Colon bacillus	≥ 70%	91.35%
白色念珠菌 Candida albicans	≥ 60%	85.87%

微纳米镶嵌纺功能性纱线

Micro-nano inlaying spinning functional yarn



原料及规格：转杯纺 3S-32S；环锭纺 21S-140S

关键词：抑菌

推荐理由：微纳米镶嵌纺功能性纱线，通过纺纱技术创新实现了功能性微纳米纤维与普通棉纤维跨尺度附着镶嵌成纱，该产品保持了棉纤维的亲肤舒适，兼具优异持久的功能性（抑菌类产品水洗 50 次，抑菌率＞99%）。该生产技术成熟、生产方式灵活方便、纱线质量稳定，并且可实现各种不同功能性微纳米纤维产品的生产。

适用范围：针织、家纺、服装

代表企业：魏桥纺织股份有限公司

品牌：魏桥牌



Raw materials and specifications: Rotor spinning 3S-32S; Ring spinning 21S-140S

Key words: Bacteriostasis

Reasons for recommendation: Through the innovation of spinning technology, micro-nano inlaying spinning functional yarn realizes that the functional micro-nano fiber and ordinary cotton fiber are attached and inlaid across the scale to form yarn. This product keeps the skin-friendly and comfortable characteristics of cotton fiber, and has excellent and lasting functionality (the antibacterial rate is more than 99% after the antibacterial products are washed with water 50 times). The production technology is mature, the production mode is flexible and convenient, the yarn quality is stable, and various functional micro-nano fiber products can be produced.

Scope of application: Knitting, home textiles, and clothing

Representing enterprises: Weiqiao Textile Co., Ltd.

Brand: Weiqiao



抑菌防螨棉纱线

Bacteriostatic and mite-proof cotton yarn

原料及规格：悦聚纺 精梳棉 60S

关键词：抑菌 防螨

推荐理由：悦聚纺技术是江苏悦达棉纺有限公司自主开发的一种新型纺纱技术，将新型纺纱与传统纺纱技术完美结合，在纺纱过程中添加特殊的功能性材料，与棉或其他纤维的均匀复合，对主体纤维性能无任何影响。采用悦聚纺纱线织成的面料，不仅省去了传统功能性助剂后整理的步骤，生产过程无污染废液产生，节能环保，且比采用传统功能性纤维纺纱节约原料成本。产品经第三方检测，有着优异的抑菌、防螨、消臭等性能，多次反复洗涤，不影响织物的手感，且仍具有符合国家标准的功能效果。

适用范围：服装、家纺、产业用纺织品

代表企业：江苏悦达棉纺有限公司

品牌：悦聚纺



Raw materials and specifications: Yueju-spinning combed cotton 60S

Key words: Bacteriostatic, mite-proof

Reasons for recommendation: Yueju-spinning technology is a new spinning technology independently developed by the Company. It combines the new spinning technology with the traditional spinning technology perfectly, and adds special functional materials in the spinning process, which is then evenly compounded with cotton or other fibers, without any influence on the performance of the main fiber. The fabric woven by Yueju-spinning yarn not only saves the post-finishing steps of traditional functional additives, but also saves energy and ensures environmental protection without polluted waste effluent during production, which realizes the saving of raw material costs compared with traditional functional fiber spinning. Tested by a third party, the product has excellent antibacterial, mite-proof, deodorizing and other properties. After repeated washing many times, the hand feelings of the fabric are not affected, and it still has a functional effect in line with national standards.

Scope of application: Clothing, home textile, industrial textiles

Representing enterprises: Jiangsu YDTEX Group Co., Ltd.

Brand: Yueju-spinning



赛络紧密纺汉麻棉混纺纱



际华三五零九纺织有限公司
JIHUA 3509 TEXTILE CO.,LTD.

Compact Siro-spun China-hemp cotton blended yarn

原料及规格：赛络紧密纺 汉麻 / 棉 55/45 32S

关键词：透气 抑菌 防紫外线

推荐理由：汉麻纤维的吸湿性符合人体皮肤生理需求，采用汉麻纤维制成的服装具有吸湿、透气、舒爽、散热、防霉、抑菌、抗辐射、防紫外线等多种功能，是一种新型、健康、时尚、绿色环保的生态纺织纤维。因汉麻纤维短绒高，断裂伸长小，长度差异大，汉麻纤维含量越高，其生产难度越大。本纱线产品汉麻比例高达 55%，品质优良，可满足客户需求。

适用范围：服装、产业用纺织品

代表企业：际华三五零九纺织有限公司

品牌：九连环

产品获得专利：一种新型混纺纱及其生产方法和应用 专利号：2020113715525



Raw materials and specifications: Compact Siro-spun China-hemp/Cotton 55/45 32S

Key words: Air permeable, bacteriostatic, UV-proof

Reasons for recommendation: The moisture absorption of China-hemp fiber meets the physiological needs of human skin. Clothing made of China-hemp fiber has many functions, such as moisture wicking, air permeability, comfort, heat dissipation, mildew resistance, bacteriostasis, radiation resistance, and ultraviolet protection. It is a new, healthy, fashionable and environmentally-friendly textile fiber. Because China-hemp fiber has high flocks, small elongation at break and large length difference, the higher the content of China-hemp fiber can result in more difficult production. The yarn product has a China-hemp ratio as high as 55%, with excellent quality, which can meet the needs of customers.

Scope of application: Clothing, industrial textiles

Representing enterprises: Jihua 3509 Textile Co., Ltd.

Brand: Jiulianhuang

The patent of the product: A New Blended Yarn and the Production Method and Application Patent No.: 2020113715525



再生胶原蛋白纤维混纺纱

Recycled collagen fiber blended yarn

原料及规格：赛络紧密纺 莫代尔 / 再生胶原蛋白 90/10 80S

关键词：舒适 健康

推荐理由：再生胶原蛋白纤维具有高保湿和吸放湿性；富含氨基酸，具有亲肤护肤、延缓衰老、美容抗皱的功效；有良好的抑菌消臭功效；可生物降解，健康绿色环保。莫代尔纤维是一种高湿模量纤维，它不仅具有天然纤维的吸湿性，还具有合成纤维的强伸性，废弃物可自然降解，具有良好的环保性能。两种纤维混纺，所制备面料舒适、功能性强、绿色健康环保。

适用范围：童装、内衣、家纺

代表企业：无锡一棉纺织集团有限公司



Raw materials and specifications: Compact Siro-spun Modal/recycled collagen 90/10 80S

Key words: Comfortable, healthy

Reasons for recommendation: Recycled collagen fiber has high moisture retention and moisture absorption and desorption; it is rich in amino acids, and has skin-friendly, skin-care, aging delay, beautifying and anti-wrinkle effects; it has good antibacterial and deodorizing effects; it is biodegradable, healthy, green and environmentally-friendly. Modal fiber is a kind of high-wet modulus fiber, which not only has the moisture absorption of natural fiber, but also has the strong elongation of synthetic fiber. Its waste can be naturally degraded and has good environmental protection performance. By blending the two fibers, the fabric made is comfortable, functional, green, healthy and environment-friendly.

Scope of application: Children's wear, underwear, home textiles

Representing enterprises: Wuxi No.1 Cotton Mill Textile Group Co., Ltd.

牛油果纤维混纺纱线

Avocado fiber blended yarn



原料及规格：腈纶 / 精梳棉 / 兰精莫代尔 / 牛油果纤维 40/30/15/15 60S

关键词：保暖 亲肤 抑菌

推荐理由：该产品结合牛油果纤维特性研制开发，牛油果纤维是将牛油果中的油酸、棕榈油酸进行提炼，以适量的重量比例添加到粘胶纤维纺丝液中制备而成的一种新型植物源粘胶纤维，具有保湿亲肤、抑菌等功能。后续通过与腈纶、精梳棉、莫代尔混纺，实现多组分优势互补，莫代尔纤维能够对牛油果纤维起到很好的改善作用，进而充分克服了现有技术中牛油果纤维面料价格高昂和洗涤护理麻烦的缺点。该纱线所制备的针织面料具有洗涤护理方便、手感蓬松软糯、保暖性优异、吸湿透气、贴肤穿着舒适的优点，且具有抑菌护肤保健的功效，适合开发贴身穿着类服装产品。

适用范围：服装、家纺

代表企业：德州彩诗禾纺织有限公司

品牌：



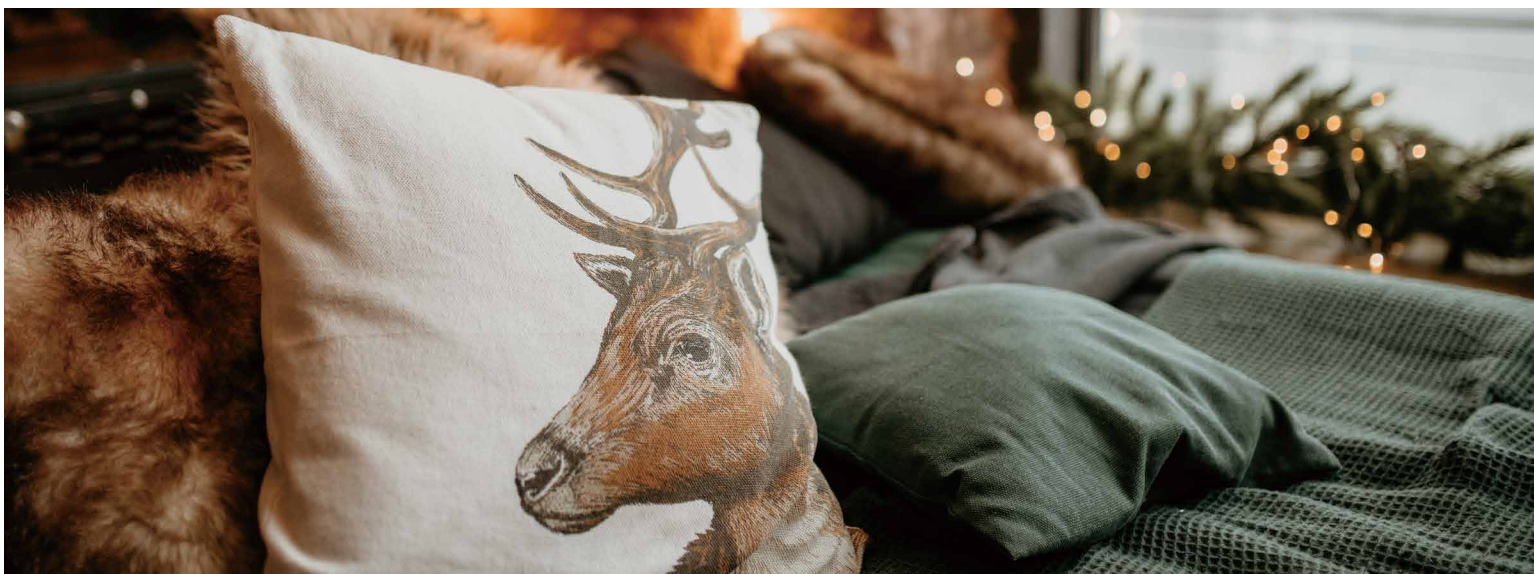
Raw materials and specifications: Acrylic/combed cotton/LenzingModal/avocado fiber 40/30/15/15 60S

Key words: Warm, skin-friendly, bacteriostatic

Reasons for recommendation: This product is developed based on the characteristics of avocado fiber. Avocado fiber is a new type of plant-derived viscose fiber that is prepared by extracting oleic acid and palmitoleic acid from avocado and adding them to viscose fiber spinning solution in a proper weight ratio. It has moisture-keeping, skin-friendly and bacteriostatic functions. Then, through blending with acrylic fiber, combed cotton and Modal, the complementary advantages of multiple components can be realized, and Modal fiber can play a very good role in improving avocado fiber, thus fully overcoming the shortcomings of high price and difficult washing and care of avocado fiber fabrics in the prior art. The knitted fabric made of this yarn has the advantages of convenient washing and care, fluffy and soft hand feelings, excellent warmth retention, moisture absorption and air permeability, and comfortable wearing on the skin, and has the effects of bacteriostasis, skin care and health care, and is suitable for developing close-fitting clothing products.

Scope of application: Clothing, home textile

Representing enterprises: Dezhou Caishihe Textile Co., Ltd.



主要质量指标与性能

Main quality indexes and performances

产品名称 Product Name	腈纶 / 精梳棉 / 兰精莫代尔 / 牛油果纤维 40/30/15/15 60S Acrylic/combed cotton/LenzingModal/avocado fiber 40/30/15/15 60S	
检验项目 Test Items	单位 Unit	检验结果 Test result
单纱强力 Single yarn strength	CN	146
断裂强度 Breaking strength	CN/tex	14.9
捻度 Degree of twist		107
捻系数 Twist coefficient		334
条干均匀度 Evenness	%	15.6
-50% 细节 -50% Thin places	个 /km Pc/km	3
+50% 粗节 +50% Thick places	个 /km Pc/km	12
+200% 棉结 +200% Cotton knot	个 /km Pc/km	98
3mm 毛羽 3mm Hairiness	根 /m Piece/m	2.2



莫代尔二醋酸纤维混纺纱

Modal diacetate fiber blended yarn



原料及规格：天丝™ 莫代尔 / 二醋酸 70/30 32S-40S

关键词：快干 舒适

推荐理由：该产品采用美国伊士曼二醋酸纤维，结合赛络紧密纺、细纱集体落纱技术，开发生产了天丝二醋酸混纺高品质纱线，生产出的纱线手感柔软、毛羽少、抗起毛起球好、条干均匀度好。应用其制成的纺织品，织物纺织品布面光洁，亲肤友好，具有快干及凉爽触感的特质，可令肌肤时刻清凉干爽，其更为绿色环保。

适用范围：服装、家纺

代表企业：南通双弘纺织有限公司

品牌：双弘

Raw materials and specifications: Tencel/diacetate 70/30 32S-40S

Key words: Quick-drying, comfortable

Reasons for recommendation: This product uses American Eastman diacetate fiber, combined with compact Siro-spun spinning and spun yarn collective doffing technology, to develop and produce high-quality Tencel diacetate blended yarn. The produced yarn has soft hand feelings, less hairiness, good pilling resistance and good evenness. The textiles and fabric textiles made of it are smooth and clean, skin-friendly, quick-drying and cool touching, which can always make the skin cool and dry, and it is greener and more environmentally friendly.

Scope of application: Clothing, home textile

Representing enterprises: Nantong Double Great Textile Co., Ltd.

Brand: Double Great

主要质量指标与性能

Main quality indexes and performances

品种 Variety	条干 CV% Evenness CV%	-50% 细节 -50%Thin places	+50% 粗节 +50%Thick places	+200% 棉结 +200%Cotton knot	毛羽 H Hairiness H	强力 CN Strength CN
Tencel/AC70/30 40S 紧赛 Tencel/AC70/30 40S Compact Siro	13.1	2	34	62	4.1	265.9
Tencel/AC70/30 32S 紧赛 Tencel/AC70/30 32S Compact Siro	11.48	0	13	44	3.9	318.1



超越纺织
CHAOYUE TEXTILES

赛络紧密纺腈纶纤维混纺纱

Compact Siro-spun acrylic fiber blended yarn

原料及规格：赛络紧密纺 莫代尔 / 粘胶 / 膨体腈纶 / 固体腈纶 / 羊毛 / 蚕丝 30/24/20/20/3/3 50S

关键词：六组份混纺

推荐理由：该纱线品种由莫代尔、粘胶、膨体腈纶、固体腈纶、美利奴澳毛、桑蚕丝等六组份纤维混合纺纱而成，是纤维素纤维、聚丙烯腈纤维和天然纤维性能的相互迭代。既具有纤维素纤维吸湿舒适，聚丙烯腈着色靓丽，澳毛柔软、保暖优点，又具有天然桑蚕丝独特的养颜护肤等功能性特点，可实现多种纤维特性互补。

适用范围：内衣

代表企业：山东超越纺织有限公司

品牌：中鲁超越

Raw materials and specifications: Compact Siro-spun Modal/viscose/bulked acrylic fiber/solid acrylic fiber/wool/silk 30/24/20/20/3/3 50S

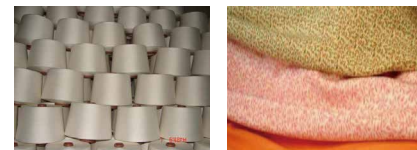
Key words: Six-component blended yarn

Reasons for recommendation: This yarn is made through six-component fiber mixed spinning, such as Modal, viscose, bulked acrylic fiber, solid acrylic fiber, Merino Australian wool and mulberry silk, which is an iteration of the properties of cellulose fiber, polyacrylonitrile fiber and natural fiber. It not only has the comfortable and moisture-wicking advantages of cellulose fiber, beautiful coloring advantages of polyacrylonitrile, soft and warm keeping advantages of Australian wool, but also has the unique functional characteristics of natural mulberry silk, such as beauty care and skin care, which can realize the complementary characteristics of various fibers.

Scope of application: Underwear

Representing enterprises: Shandong Chaoyue Textile Co., Ltd.

Brand: Zhonglu Chaoyue



锦纶弹性纤维混纺纱线

Nylon elastic fiber blended yarn



原料及规格：赛络紧密纺 锦纶 / 弹性纤维 60/40 40S

关键词：弹力 凉感 保型

推荐理由：该纱线由功能锦纶短纤和弹性纤维混纺而成，由该纱线制成的面料打破了常规锦纶长丝化纤感极强的传统风格，具有良好的棉感，与弹性纤维的结合更使面料爽滑、凉感、微弹，穿着舒适贴身易打理，保型性好不易变形。

适用范围：运动服饰

代表企业：无锡四棉纺织有限公司

品牌：球鹤



Raw materials and specifications: Compact Siro-spun nylon/elastic fiber 60/40 40S

Key words: Elastic, cool, shape-preserving.

Reasons for recommendation: The yarn is blended with functional nylon staple fiber and elastic fiber. The fabric made of the yarn breaks the traditional style of strong chemical fiber feeling of conventional nylon filament, and has a good cotton feeling. The combination with elastic fiber makes the fabric smooth, cool, slightly elastic, comfortable to wear, easy to handle, good in shape preservation, and not easy to deform.

Scope of application: Sportswear

Representing enterprises: Wuxi No. 4 Cotton Mill Textile Co., Ltd.

Brand: Qiuhe



精梳棉 / 锦纶高强耐磨包芯包缠线

Combed cotton/Nylon high-strength and abrasion-resistant core-wrapped yarn

原料及规格：精梳棉 / 锦纶 (40D/12F) 50/50 32S/2

关键词：高强 耐磨



推荐理由：该纱线经三次复合而成，选用长绒棉和锦纶长丝两种原料，采用独特的双丝单粗纱包芯包缠复合纱结构，使纱线兼具舒适性和高强耐磨特性，织物经整理后布面平整不易变形，是制作户外运动、军服等纺织品的理想原料。

适用范围：户外运动服、军服等

代表企业：福建新华源科技集团有限公司



Raw materials and specifications: Combed cotton/nylon (40D/12F) 50/50 32S/2

Key words: high-strength, abrasion-resistant

Reasons for recommendation: This yarn is compounded three times, and two raw materials - long-staple cotton and nylon filament, are selected with a unique double-filament single roving core-wrapped composite yarn structure, so that the yarn has the characteristics of comfort and high strength and abrasion resistance, and the fabric is smooth and not easy to deform after finishing, and is an ideal raw material for making textiles such as outdoor sportswear and military uniforms.

Scope of application: Outdoor sportswear, military uniforms, etc.

Representing enterprises: Fujian Xinhua Yuan Technology Group Co., Ltd.

主要质量指标与性能

Main quality indexes and performances

产品名称 Product Name	精梳棉 / 锦纶 (40D/12F) 50/50 32S/2 Combed cotton/nylon (40D/12F) 50/50 32S/2	
检验项目 Test Items	单位 Unit	检验结果 Test result
线密度 Linear density	tex	36.3(18.2tex×2)
断裂强度 Breaking strength	CN/tex	37.7
断裂强力变异系数 CV Variation coefficient of breaking strength of single yarn CV	%	2.58
断裂伸长率 Elongation at break	%	23.7
百米重量变异系数 CV Coefficient of variation (CV) per 100 meters weight	%	0.6
百米重量偏差 Weight deviation per 100 meters	%	-0.8
-50% 细节 -50% Thin places	个 / km Pc/km	0
+50% 粗节 +50% Thick places	个 / km Pc/km	1
+200% 棉结 +200% Cotton knot	个 / km Pc/km	10

品质匠心纱线，是基于常规纤维，在传统纺纱工艺基础上开展创新纤维混纺、工艺调整、设备改造等，优化纱线性能，满足消费者对高端纺织品的需求。科技创新助推纺织产业结构调整与升级，通过做精、做专、做透常规产品，提高产品的市场占有率和品牌影响力，让常规纱线焕发出新的价值。

The yarn with qualified craftsmanship, based on conventional fiber, innovates fiber blending with process adjustment and equipment transformation to optimize the yarn properties on the basis of the traditional spinning process, so as to meet consumers' demand for high-end textiles and clothing. Scientific and technological innovation promotes the structural adjustment and upgrading of the textile industry. By producing fine, specialized and thorough conventional products, the market share and brand influence of the products are improved, so that conventional yarns glow with the new value.

品质匠心
质朴本真·回归至简初心

QUALIFIED
CRAFTSMANSHIP

EXPLORE PURITY TO RETURN TO ORIGINAL ASPIRATION
OF SIMPLICITY ASPIRATION OF SIMPLICITY

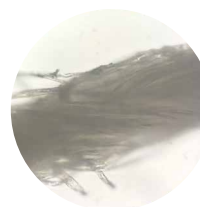


复合捻向纱线

Composite twist-direction yarn

原料及规格：100% 棉 20S-40S

关键词：抗起毛起球 耐磨



推荐理由：通过纺纱技术创新，在同一根单纱内存在着两种不同捻向的纤维束，通过加捻作用实现捻向相异的纤维束相互复合缠绕成纱，该单纱结构可以有效降低成纱毛羽、提升单纱强力，从而大幅改善成纱及所织面料的耐磨及抗起毛起球等性能。

适用范围：针织 T 恤领域

代表企业：魏桥纺织股份有限公司

品牌：魏桥牌



Raw materials and specifications: 100% cotton 20S-40S

Key words: Anti-pilling, wear-resistant

Reasons for recommendation: Through the innovation of spinning technology, there are two kinds of fiber bundles with different twist directions in the same single yarn, and the fiber bundles with different twist directions are compounded and wound into yarn through twisting. This single yarn structure can effectively reduce yarn hairiness and improve the strength of the single yarn, thus significantly improving the wear resistance and pilling resistance of the yarn and the woven fabric.

Scope of application: Knitted T-shirt field

Representing enterprises: Weiqiao Textile Co., Ltd.

Brand: Weiqiao

主要质量指标与性能

Main quality indexes and performances

复合捻向紧赛纺面料 规格：复合捻向 40sK 双纱汗布 Composite twist-direction Siro-spun fabric Specification: Composite twist-direction 40sK Double-yarn jersey		
检测项目 Test Items	检测依据 Standard	实测值 Result
抗起毛起球 Anti-pilling	GB/T 4802.2-2008	2000 转 4-5 级 2000 rpm Grade 4-5
耐磨 /r wear-resisting/r	GB/T 21196.1-2009	126000 转出现破洞 Broken holes at 126000 rpm
无尘率 /% Dust-free rate/%	/	1.47



丝光羊毛复合包芯纱

Mercerized wool composite core-spun yarn



原料及规格：羊毛 / 涤纶长丝 50/50 32S；羊毛 / 锦纶长丝 50/50 32S

关键词：蓄热 抑菌

推荐理由：该产品应用羊毛纤维，结合环锭纺、包芯纱装置、细纱集体落纱技术，开发生产了羊毛 / 涤纶长丝、羊毛 / 锦纶长丝等包芯混纺高品质纱线，手感柔软、强度高、毛羽少、抗起毛起球好、条干均匀度好。应用其制成的纺织品，织物布面光洁，轻盈暖柔，耐磨性好、具有蓄热升温、改善微循环、有助抑菌功能，与此同时更为绿色环保。

适用范围：服装、家纺

代表企业：南通双弘纺织有限公司

品牌：双弘

产品获得专利：《一种包芯纱纺纱装置》(ZL 2022 2 0045408.2)

Raw materials and specifications: (W+40D/12F×2) 32Score-spun yarn, W (40D/12F×2)32Score-spun yarn

Key words: Heat storage, bacteriostasis

Reasons for recommendation: This product uses wool fiber, combined with ring spinning, core-spun yarn device and spun yarn collective doffing technology, to develop and produce high-quality core-spun blended yarns such as wool/polyester filament and wool/nylon filament, which are soft to the touch, high in strength, less in hairiness, good in pilling resistance and evenness. The textiles made of it are clean, smooth, light, warm and soft, good in wear resistance, with the functions of heat storage, temperature rise, microcirculation improvement, bacteriostasis, and at the same time, more environmentally friendly.

Scope of application: Clothing, home textile

Representing enterprises:Nantong Double Great Textile Co., Ltd.

Brand: Double Great

The patent of the product: A Core-spun Yarn Spinning Device(ZL 2022 2 0045408.2)

主要质量指标与性能

Main quality indexes and performances

品种 Variety	条干 CV% Evenness CV%	-50% 细节 -50% Thin places	+50% 粗节 +50% Thick places	+200% 棉结 +200% Cotton knot	毛羽 H Hairiness H	强力 CN Strength CN
羊毛 / 涤纶长丝 50/50 32 支 Wool/polyester filament yarn 50/50 32s	11.6	1.3	7.5	11.8	3.15	640.2
羊毛 / 锦纶长丝 50/50 32 支 Wool/nylon filament 50/50 32s	11.9	0.5	6.5	13.6	3.26	645.5



喷气涡流纺再生纤维素纤维聚酯包芯纱

Air-jet vortex spinning recycled cellulose fiber polyester core-spun yarn

原料及规格：喷气涡流纺 粘胶 /PBT(50D/24F) 25S

关键词：易染色 舒适 耐洗涤

推荐理由：本产品由两种纤维组成，芯纱采用涤纶长丝或其它长丝，外包粘胶短纤，利用涡流纺纱机及特殊加芯纱机构纺制。该纱线充分发挥涤纶长丝挺爽、抗折皱、易洗快干的优点，同时发挥外包粘胶纤维吸湿好、静电少，不易起毛起球的特长。织成的织物易染色整理、穿着舒适、耐洗涤，且色泽鲜艳，美观大方。与此同时，在保持和改进织物性能的同时，可减轻织物的重量。

适用范围：T 恤、衬衣、工作服、被单、家用装饰布

代表企业：巴州金富特种纱业有限公司

Raw materials and specifications: Air-jet vortex spinning viscose/PBT(50D/24F)25S

Key words: Easy-dyeing, comfortable and washable

Reasons for recommendation:This product is composed of two kinds of fibers, whose core yarn uses the polyester filament or other filaments, wrapped with viscose staple fiber, and is spun by the vortex spinning machine and special cored yarn mechanism. This yarn gives full play to the advantages of polyester filament, such as slippery and smooth, wrinkle resistance, easy washing and quick drying, and at the same time gives full play to the advantages of wrapped viscose fiber, such as good moisture absorption, less static electricity and less pilling. The woven fabric is easy to dye and finish, comfortable to wear, washable, bright in color and elegant in appearance. At the same time, the weight of the fabric can be reduced while maintaining and improving the performance of the fabric.

Scope of application: T-shirts, shirts, work clothes, sheets, household decorative cloth

Representing enterprises: Bazhou JinFu Special Yarn Industry Co., Ltd.



主要质量指标与性能

Main quality indexes and performances

品种 (英支) variety (s)	单纱强力 (CN) Single Yarn Strength/ (CN)	条干均匀度变异系数 /% (CV%) Coefficient of variation (CV) of evenness (CV%)/%	棉结 (+200%) / (个 /km) Cotton knot (+200%)/(Pc/km)	毛羽 Hairiness	备注 Note
OER25s	350	12.0	10	4.2	普通涡流纺 Ordinary vortex spinning
	481	11.4	6	3.11	涡流纺包芯纱 Vortex spinningcore-spun yarn

转杯纺棉莱赛尔混纺纱线

Rotor spinning cotton Lyocell blended yarn



原料及规格：转杯纺 棉 / 莱赛尔 63/37 7S-32S

关键词：舒适 环保 易染色

推荐理由：该产品以天然植物纤维为原料，生产过程无化学反应，绿色环保，具有棉纤维的舒适性、手感好、易染色等特点。经一系列工艺优化，有效规避了布面染色出现大面积条花的现象。

适用范围：服装、家纺

代表企业：浙江九舜纺织有限公司

品牌：JIUSHUN

Raw materials and specifications: Rotor spinning cotton/ Lyocell 63/37 7S-32S

Key words: Comfortable, environmentally-friendly, easy dyeing.

Reasons for recommendation: This product is made of natural plant fiber without chemical reaction in the production process; it is green and environmentally-friendly, and has the characteristics of cotton fiber, such as comfort, good hand feelings and easy dyeing. After a series of process optimization, the large area of streaking in fabric dyeing is effectively avoided.

Scope of application: Clothing, home textile

Representing enterprises: Zhejiang Jiushun Textile Co., Ltd.

Brand: JIUSHUN

主要质量指标与性能

Main quality indexes and performances

规格型号 Specifications and models	16S	
检验项目 Test Items	单位 Unit	实测结果 Result
纤维含量（结合公定回潮率） Fiber content (combined with convention moisture regain)	%	棉：63.3 Cotton: 63.3 再生纤维素纤维：36.7 Recycled cellulose fiber: 36.7
线密度 Linear density	Tex	36.3
条干不匀率 Unevenness	%	10.8
棉结（+2800%） Cotton knot (+2800%)	个 / km Pc/km	13
断裂强力 Breaking strength	cN	455
断裂伸长率 Elongation at break	CN/tex	7.8
捻度 Degree of twist	捻 / 10cm twist/10cm	50.7



国产莱赛尔纱线

Domestic Lyocell yarn



原料及规格：10%-100% 莱赛尔 21S-120S

关键词：高支

推荐理由：国产莱尔纤维原料具有并丝、硬板丝及疵点含量高等特点，通过对纺纱流程的创新及纺纱参数的优选设计，成功解决国产莱赛尔纤维无法高支化生产与应用的技术瓶颈，且使国产莱赛尔纱线指标优于进口莱赛尔纱线指标，实现国产莱赛尔纤维高支规模化生产。

适用范围：针织、家纺、服装

代表企业：魏桥纺织股份有限公司

品牌：魏桥牌



产品获得专利：《一种国产莱赛尔高支纱线及其生产方法》（ZL 202110397035.3）

Product specification: Raw materials and specifications: 10%-100% Lyocell 21S-120S

Key words: High-count

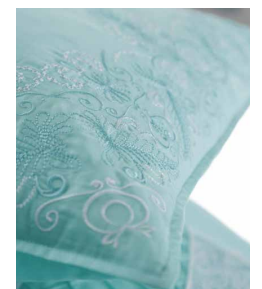
Reasons for recommendation: Domestic Lyocell fiber raw material has the characteristics of paralleled yarn, stiff yarn and high defect content. Through the innovation of the spinning process and the optimal design of spinning parameters, the technical bottleneck that domestic Lyocell fiber fails to be produced and applied with the high count is successfully solved, and the indicators of domestic Lyocell yarn are better than those of imported Lyocell yarn, thus realizing the high-count scale production of domestic Lyocell fiber.

Scope of application: Knitting, home textiles, clothing

Representing enterprises: Weiqiao Textile Co., Ltd.

Brand: Weiqiao

The patent of the product: A Domestic Lyocell High-count Yarn and the Production Method Thereof (ZL 202110397035.3)



有机棉精梳漂白高强纱

Organic cotton combed bleached high-strength yarn



原料及规格：赛络紧密纺 100% 有机棉 40-60S

关键词：高强

推荐理由：原料全部采用有机棉，纱线条干好、棉结少、毛羽少，纱体顺滑光洁、强度高，所制备面料耐磨与回弹性好，纺纱过程低碳、节能、环保、绿色化，风格独特，是高档服装面料首选用纱。

适用范围：服装、家纺、产业用纺织品

代表企业：扶沟县昌茂纺织有限责任公司

品牌：昌茂

Raw materials and specifications: Compact Siro-spun 100% organic cotton 40-60S

Key words: High-strength

Reasons for recommendation: The raw materials of this product are all organic cotton, with good yarn evenness, fewer cotton knots and less hairiness, smooth and clean yarn body and high strength. The fabric made has good wear resistance and resilience, and the spinning process is low-carbon, energy-saving, environmentally-friendly and unique. It is the first choice for high-end clothing fabrics.

Scope of application: Clothing, home textile, industrial textiles

Representing enterprises: Fugou County Changmao Textile Co., Ltd.

Brand: Changmao



主要质量指标与性能

Main quality indexes and performances

产品名称 Product Name	有机棉精梳漂白高强纱 60S Organic cotton combed bleached high-strength yarn 60S	
检验项目 Test Items	单位 Unit	检验结果 Test result
单纱强力 Single yarn strength	CN	182
断裂强度 Breaking strength	CN/tex	18.7
捻度 Degree of twist		125
捻系数 Twist coefficient		389
条干均匀度 Evenness	%	12.1
-50% 细节 -50% Thin places	个 /km Pc/km	2
+50% 粗节 +50% Thick places	个 /km Pc/km	15
+200% 棉结 +200% Cotton knot	个 /km Pc/km	26
3mm 毛羽 3mm Hairiness	根 /m Piece/m	2.7



莫代尔长绒棉混纺高支纱

Modal long-staple cotton blended high-count yarn

原料及规格：超细旦莫代尔 / 棉 60/40 140S

关键词：高支

推荐理由：该纱线采用兰精超细旦莫代尔纤维及新疆特长长绒棉混纺，细度可达 140S，与常规莫代尔 / 棉混纺纱相比，条干好、棉结少，面料柔软、透气。

适用范围：针织圆机原纱、拉架平纹布、家居服等

代表企业：德州华源生态科技有限公司

Raw materials and specifications: Ultra-microdenier Modal/cotton 60/40 140S

Key words: High counts

Reasons for recommendation: The yarn is blended with Lenzing ultra-microdenier Modal fiber and Xinjiang extra-long staple cotton, and the fineness can reach 140S. Compared with the conventional Modal/cotton blended yarn, the yarn has good evenness, fewer cotton knots, and soft and air-permeable fabric.

Scope of application: Knitted circular grey yarn, drawstring plain cloth, leisure wear, etc.

Representing enterprises: Dezhou Huayuan Eco-Technology Co., Ltd.



莱赛尔羊毛聚酯混纺纱线

Lyocell wool polyester blended yarn

原料及规格：50%-70% 莱赛尔纤维，5%-15% 超细丝光澳毛，25%-35%PBT 聚酯纤维

关键词：亲肤 保暖

推荐理由：产品成分为 50%-70% 莱赛尔纤维，5%-15% 超细丝光澳毛和 25%-35%PBT 聚酯纤维，具有棉的舒适性、涤纶的强度、毛织物的豪华美感和真丝的独特触感及柔软垂坠。莱赛尔纤维吸湿排汗、触感丝滑且亲肤，可以生物降解；再辅以提高支进口羊毛，可增加保暖性。

适用范围：服装、家纺、产业用

代表企业：广世纺织（张家港）有限公司

Raw materials and specifications: 50%-70% Lyocell fiber, 5%-15% superfine mercerized Australian wool, 25%-35% PBT polyester fiber

Key words: Skin-friendly, warm keeping

Reasons for recommendation: The product consists of 50%-70% Lyocell fiber, 5%-15% superfine mercerized Australian wool, and 25%-35% PBT polyester fiber, which has the comfort of cotton, the strength of dacron, the luxurious aesthetic feelings of wool fabric, and the unique touch and soft drapability of silk. Lyocell fiber can absorb moisture and sweat, and it touches smooth and skin-friendly, and can be biodegradable; the combination with high-count imported wool can increase warmth retention.

Scope of application: Clothing, home textile, industrial use

Representing enterprises: Guangshi Textile (Zhangjiagang) Co., Ltd.

视觉时尚纱线，打破固态刻板印象，利用新色彩、新花型，开发花式纱、色纺纱及仿真纱线，带来全新视觉冲击。原创性色彩配比，科学固色工艺，让美丽持续停留；突破性牵伸工艺，前沿花型设计，让视觉也可以有触感。衣着不平凡，家居不平淡，生活不平庸，视觉时尚纱线唤醒人们视觉触觉感官，激发美好想象与别样追求。

The yarn shining with visual fashion breaks the solid stereotype and develops fancy yarn, colored spinning yarn and simulated yarn by using new colors and patterns to bring brand-new visual impact. Original color matching and scientific color fixing technology make the beauty stay all the time; breakthrough elongation technology and cutting-edge pattern design realize that the vision has touch feelings. Clothing is extraordinary, home is not monotonous, and life is not mediocre. The yarn shining with visual fashion awakens people's visual sense and touch feelings, and stimulates good imagination and other pursuits.

视觉时尚

流光溢彩·扮靓多彩人生

VISUAL FASHION

GLOWING COLORS

TODECORATECOLORFULLIFE



粗纺砂砾圈圈纱

Roving gravel loop yarn

原料及规格：PET 3.1NM-18NM

关键词：圈圈纱

推荐理由：圈圈纱融入一定比例低弹丝，使其具有非常舒适的伸缩性，织片可塑性更强；通过饰纱超喂在纱线的表面上形成封闭的圆形，外以固纱包缠来固定花型；圈圈纱的使用使得纱线自带砂砾感，这样能够以较少的纱线纺织成粗纺面料，实现了产品轻量化，而原料的减少直接降低了生产能耗，从而减少温室气体的排放。

适用范围：羊毛衫、运动衣、裤等织物、家居产品等

代表企业：旷达纤维科技有限公司

品牌：旷达

产品获得认证 / 专利：《耐磨透气车用内饰花式卷曲纱面料和使用该面料的座椅》《一种再生环保有色差别化纤维及其织成的面料》



Product specification: Raw materials and specifications: PET 3.1NM-18NM

Key words: Loop yarn

Reasons for recommendation: The loop yarn is mixed with a certain proportion of low elastic filament, which makes it very comfortable to stretch and makes the fabric more plastic; closed circles are formed on the surface of the yarn by the overfeeding of the decorative yarn, and the pattern is fixed by wrapping the yarn externally; the use of loop yarn makes the yarn gritty, so that it can be spun into the roving fabric with less yarn, which realizes the lightweight of the product, and the reduction of raw materials directly reduces the production energy consumption, thus reducing the emission of greenhouse gases.

Scope of application: Woollen sweater, sportswear, pants and other fabrics, household products, etc.

Representing enterprises: Kuangda Fiber Technology Co., Ltd.

Brand: Kuangda

The patent of the certification/product: The certification/patent of the product: Fancy Curled Yarn Fabric for Wear-resistant and Air-permeable Vehicle Interior and Seats Using the Fabric; A kind of Recycled Environment-friendly Colored Differential Fiber and the Woven Fabric



变捻纱

Twist-changing yarn



原料及规格：捻系数 290-680 变捻长度 20-1000 16S-60S

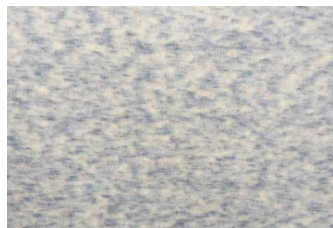
关键词：新结构 新功能

推荐理由：纱线在保持纱支不变的情况下，通过捻度变化可实现布面不同风格；捻系数在 290-490 之间根据要求从程序设计中实现不规则变化；布面纱线由高捻和低捻纱不规则组成，实现褶皱风格，或通过染色着色差异呈现独特的不规则横条风格。

适用范围：服装

代表企业：山东联润新材料科技有限公司

产品获得认证：发明专利“一种变捻纱及其纺纱方法”（ZL 201910022422.1），2022 年 6 月，通过科技鉴定（纺科鉴字[2022]第 51 号），鉴定结论为“整体技术处于国际先进水平，其中变捻纱的生产方法处于国际领先水平”。



Raw materials and specifications: Twist coefficient 290-680 twist-changing length 20-1000 16S-60S

Key words: New structure, new function

Reasons for recommendation: Under the condition of keeping the yarn count unchanged, different styles of cloth surface can be realized by changing the degree of twist; the twist coefficient is between 290 and 490, and the irregular change is realized from the program design according to the requirements; fabric yarns are composed of high-twist and low-twist yarns irregularly, realizing the wrinkle style, or presenting a unique irregular stripe style through dyeing and coloring differences.

Scope of application: clothing

Representing enterprises: Shandong Longrun Textile Co., Ltd.

The certification of the product: Patent for invention: A Twist-changing Yarn and the Spinning Method Thereof (ZL 201910022422.1). In June 2022, through scientific and technological evaluation (F.K.J.Z. [2022] No.51), the conclusion is that “the overall technology is at the international advanced level, and the production method of the twist-changing yarn is at the international leading level”.



大差异比例 AB 竹节纱

AB bunched yarn with a big difference ratio

原料及规格：AB 差异极限比例 85/15 16S-40S

关键词：大差异比例

推荐理由：该纱线将新一代数字化、信息化、智能化技术与纺织行业深度融合，实现了色泽变化丰富、结构变化多样、功能多重组合的时尚风格纱线产品的智能化生产。AB 差异一般控制在 80%:20%，极限可以到达 85%:15%；大差异比例 AB 竹节纱因独特的布面风格、鲜明的层次感、立体感倍受市场青睐，市场需求量也逐年增加，经济效益好。

适用范围：服装

代表企业：山东联润新材料科技有限公司

Raw materials and specifications: AB difference limit ratio 85/15 16S-40S

Key words: Big difference ratio

Reasons for recommendation: The yarn deeply integrates a new generation of digital, information and intelligent technology with the textile industry, and realizes the intelligent production of fashionable yarn products with rich color changes, diverse structural changes and multiple combinations of functions. AB difference is generally controlled at 80% : 20%, and the limit can reach 85% : 15%; AB bunched yarn with a large difference ratio is favored by the market due to its unique cloth surface, distinct layering and three-dimensional sense, and the market demand is also increasing year by year, achieving good economic benefits.

Scope of application: clothing

Representing enterprises: Shandong Longrun Textile Co., Ltd.



腈纶多组份混纺色纺纱

Acrylic multi-component blended color-spun yarn



原料及规格：赛络紧密纺 腈纶 / 精梳棉 / 粘胶 / 蚕丝 / 山羊绒 50/22/22/3/3 40S

关键词：天然

推荐理由：腈纶多组份混纺色纺纱采用色纺纱纤维纺纱前着色工艺，低碳环保色牢度好，含羊绒蚕丝等天然纤维产品，更天然、高端、时尚，具有安全环保等特点。

适用范围：服装、针织等

代表企业：沛县新丝路纺织有限公司

品牌：新起点色纺

Raw materials and specifications: Compact Siro-spun acrylic/combed cotton/viscose/silk/cashmere 50/22/22/3/3 40S

Key words: Natural

Reasons for recommendation: Acrylic multi-component blended color-spun yarn adopts a color-spun yarn fiber spinning pre-dyeing process, which is low-carbon and environmentally-friendly with good color fastness, and contains natural fiber products such as cashmere and silk, which is more natural, high-end, fashionable, safe and environmentally-friendly.

Scope of application: clothing, knitting, etc.

Representing enterprises: Peixian Xinsilu Textile Co., Ltd.

Brand: Xinqidian color spinning

