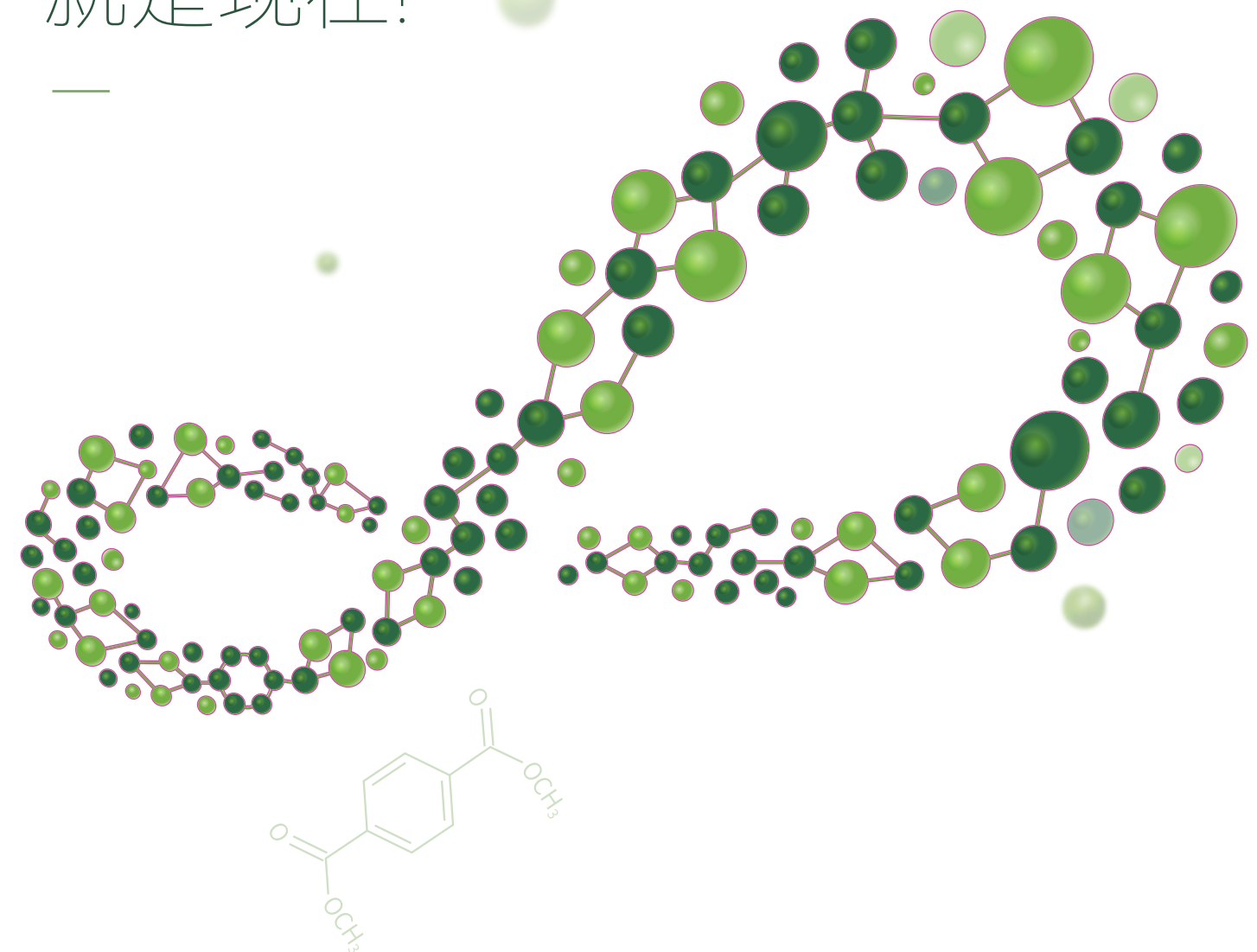


# CHEMICAL RECYCLING **RIGHT & NOW**

化学法循环，  
就是现在！



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本画册全部采用环保纸张制作

 佳人新材料  
JIAREN NEW MATERIALS

2023年7月

# 佳人 R-DMT 全球首发

The global debut of Jiaren recycled DMT in July 2023 !

## 60载砥砺前行。

于1960年开始，历经日本帝人实验室研发和从2000年开始的千吨级产业化过程，以及在中国的浙江佳人从2012年以来的万吨级产业化道路和自主迭代创新，数百位科研技术人员持续艰苦钻研，通过把废旧纺织品进行解聚离心分离，实现在分子和原子层级回收聚酯，使其以原始资源的同等纯度实现再利用，2023年7月，佳人再生DMT的全球首发，标志着“逆向材料科技”产业化的一个里程碑——不仅填补了国内DMT市场的空白，也是对全球DMT可再生战略的重要补充。

随着再生DMT的上市，佳人完成了从再生DMT、再生切片到再生纤维的化学法聚酯产品的差别化应用的布局，佳人化学法循环技术也从纺服领域，扩展到工业丝、瓶级、膜级等工业级应用领域。

## After 60 years of hard work.

Since 1960, after the research and development of Teijin Laboratory in Japan and the thousand-ton industrialization process from 2000, as well as the 10,000-ton industrialization and independent iterative innovation in Zhejiang Jiaren since 2012, hundreds of scientific and technical personnel have continued to work hard, through the depolymerization centrifugation of waste textiles, to achieve the recycling of polyester at the molecular and atomic level, so that it can be reused with the same purity of the original resources. In July 2023, the global debut of Jiaren recycled DMT, marking a milestone in the industrialization of 'reverse material technology' - not only to fill the gap in the domestic DMT market, but also an important supplement to the global DMT renewable strategy.

With the launch of recycled DMT, Jiaren has completed the layout of the differentiated application of chemical polyester products from recycled DMT, recycled chips to recycled yarns, and Jiaren chemical recycling technology has also expanded from the field of spinning and clothing to industrial applications such as industrial yarn, bottle grade and film grade.



化学法循环，就是现在！  
Chemical Recycling, Right & Now

Right & Now

# 当下即未来

# The present is the future

循环，是人类最好的朋友，  
Circulation is people's best friend,

循环，无处不在且谨慎持重。  
Circulation is everywhere and carefully maintained.

水、空气、土壤、时间，  
Water, air, soil, time,

置身其中，休戚与共，我们关爱这一切。  
We are in it together, we care about it all.

关爱，是佳人2012年成立以来，专注助力可持续发展和循环经济的根本态度。  
Caring is the fundamental attitude of Jiaren to focus on sustainable development and circular economy since its establishment in 2012.

秉持与生俱来的企业传承，佳人不断进行技术攻关和系统创新，

我们助力客户在每个阶段的材料开发和在过程中的每一步进行共同研发，

满足日益增加的多样化市场的再生材料需求，

我们期待与所有价值链参与者，通过合作共创，实现循环闭环回收利用的最佳方案和效果。

Adhering to the innate corporate heritage, Jiaren continues to carry out technological research and systematic innovation,

We support our customers at each stage of material development and co-development at each step of the process.

To meet the demand for recycled materials in an increasingly diverse market,

We look forward to working with all value chain participants.

Through cooperation and co-creation, to achieve the best solution of recycling.

今天，我们践行循环经济，以期达成可持续的未来。  
Today, we practice a circular economy to achieve a sustainable future.

当下即未来，

所有未来事，均为当下事。

请选择化学法循环，让我们一起迎接一个可持续的未来！

Present is the future,

All things in the future are things in the present.

Choose the Chemical recycling method and let's embrace a sustainable future together!





# 源自帝人 万吨级产业化国际领先，填补国内空白。

FROM TEIJIN  
10,000 TONS OF INTERNATIONAL LEADING INDUSTRIALIZATION,  
FILL THE DOMESTIC GAP.

浙江佳人新材料有限公司成立于 2012 年，成立之初系日本帝人株式会社与精工控股集团共同投资兴建，在“帝人”实验室及千吨级科研先发优势基础上，2016 年以来由浙江佳人技术团队、联合精工科技及国内多所科研院所共同研发自主创新化学法再生万吨级产业化技术，并构建起再生 DMT \ 再生切片 \ 再生纤维的绿色再生循环体系。目前佳

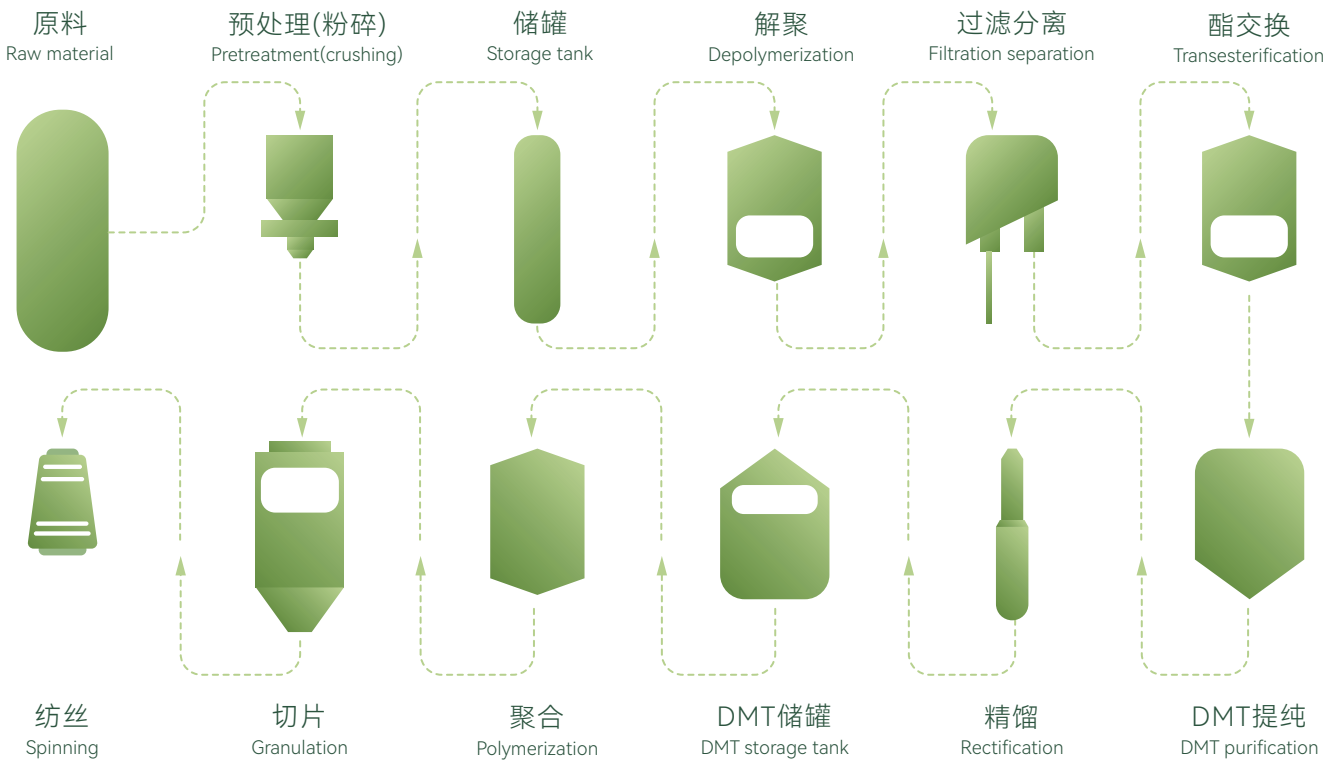
Zhejiang Jiaren New Materials Co., LTD., founded in 2012, was jointly invested by Teijin Co., Ltd. and Jinggong Holding Group. On the basis of 'Teijin' laboratory and first-mover advantage of thousand-ton scientific research, Since 2016, Zhejiang Jiaren technical team, joint Jinggong Technology and a number of domestic research institutes have jointly developed independent innovation chemical recycling 10,000-ton industrial process technology, and built a green recycling system of recycled DMT \ recycled chip \ recycled yarn. At present,

人化学法具备每年 4 万吨废旧纺织品处理能力，占地 100 亩的浙江绍兴袍江制造基地年产绿色再生产品 3 万吨，年产 15 万吨绿色再生新材料项目在 2023 年已全面启动建设，建成后产能世界领先。

Jiaren Chemical process has the annual processing capacity of 40,000 tons of waste textiles, covers an area of 100 acres of Zhejiang Shaoxing Paojiang manufacturing base with an annual output of 30,000 tons of green recycled products, and is located in Shaoxing Keqiao 340 acres of new 150,000 tons of industrial park has started construction in 2023.

## 佳人化学法循环工艺流程

Jiaren chemical method recycling process flow



# 添加化学法回收 健全您的循环方案

ADDITIVE CHEMICAL RECOVERY IMPROVE YOUR CIRCULAR PLAN

废旧纺织品和废旧聚酯已被公认为是一个巨大的机会，大部分是可以通过多种方式回收和再利用的潜在资源，其中基于物理法和化学法技术的回收我们认为是协同共生的，唯有“两全其美”才是完整的循环方案。并且化学法具有无可替代的高纯度和高值化利用优势。其特有的“小分子解聚-聚合技术”可将难以回收的聚酯转化为近似于原材料品质的再生聚酯，可广泛应用于纺织、汽车、食品、日化 and 电子等领域。

Waste textiles and waste polyester have been recognized as a large opportunity, most of them are potential resources that can be recycled and reused in a variety of ways, which based on physical and chemical technology recycling we believe is synergistic symbiosis, only the 'best of both worlds' is a complete cycle program. Chemical method has irreplaceable advantages of high purity and high value utilization. Its unique 'small molecule depolymerization - polymerization technology' can convert polyester into recycled polyester approximate to the quality of the original material, which can be widely used in textile, automotive, food, daily chemical and electronic fields.



## 截止2023年6月佳人统计过去8.5年时间里

Jiaren since 2015 during the past 8.5 years

- 累计生产再生产品 — **21** 万吨
- 累计废旧纺织品回收利用 — **29.4** 万吨(相当于 **8.8** 亿件T恤)
- 累计节省石化原料使用 — **8.4** 万吨
- 累计减少二氧化碳排放 — **32.55** 万吨
- 累计减少能耗 — 相当于 **39.9** 万吨标煤
- 100** 亩 — 占地

- 210,000 tons - cumulative production of recycled products
- 880 million T-shirts - 294,000 tons of waste textiles have been recycled, equivalent to 880 million T-shirts
- 84,000 tons - reduce the use of fossil raw materials
- 325,500 tons - a cumulative reduction in carbon emissions
- 399,000 tons - reduced energy consumption (based on standard coal)
- 100 acres - land area

来源：天祥LCA报告，Report # SHAH01388363





# 佳人化学法 三大系列再生聚酯产品

JIAREN CHEMICAL METHOD  
THREE SERIES OF RECYCLED POLYESTER PRODUCTS

佳人完成了从再生DMT、再生切片到再生纤维的化学法再生聚酯产品的差异化应用布局

Jiaren has completed the differentiated application layout of chemically processed recycled polyester products from recycled DMT, recycled chips to recycled yarn.

## 再生DMT Recycled DMT

- 纤维级再生DMT
- 产业用再生DMT
- Yarn grade recycled DMT
- Industrial recycled DMT

## 再生聚酯切片 Recycled Chip

- 纺丝级（半光、有光、消光）
- 纺丝级（半光、有光、常温常压阳离子）
- 纺丝级（低粘、无锑、阻燃）
- 工业级（高粘）
- 膜级（光学膜、离型膜）
- 瓶级（食品级）
- Spinning grade (semi-dull, bright, full-dull)
- Spinning grade (semi-dull, bright, normal temperature and normal pressure cationic)
- Spinning grade (low viscosity, antimony free, flame retardant)
- Industrial grade (high viscosity)
- Film grade (optical film, release film)
- Bottle grade (Food grade)

## 再生纤维 Recycled Yarn

- DTY 20D-300D / 12F-288F
- POY 32D-480D / 12F-288F
- FDY 15D-300D / 12F-288F

# 更高纯度 更高价值的创新应用

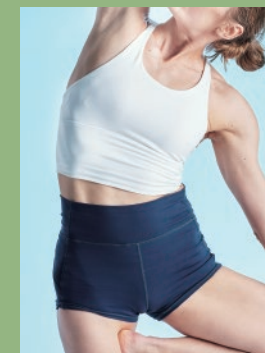
HIGHER PURITY  
INNOVATIVE APPLICATIONS FOR HIGHER VALUE

佳人绿色再生聚酯产品可广泛应用于运动、户外、时装、家纺、汽车、消费电子、食品饮料、化妆品、家电、医疗等行业领域。

Products are widely used in sportswear, outdoor, fashion, home textile, automotive, consumer electronics, food and beverage, cosmetics, home appliances, medical and other industries.



Sportswear



Home textile



Fashion



Industrial



Automotive



Outdoor



Electronics



Food & Beverage



Medical



Home Appliances





# 再生DMT 系列

R-DMT SERIES

Recycled dimethyl terephthalate

再生对苯二甲酸二甲酯

CAS NO.:120-61-6

## 物化性质

无色斜方晶系结晶体，不溶于水，易溶于乙醚和乙醇

## Physicochemical property

Colorless rhombic crystal, insoluble in water, soluble in ethyl ether and ethanol

## 产品用途

用于合成聚酯纤维、树脂、薄膜、聚酯漆及工程塑料等

## Product application

Used for the synthesis of polyester yarn, resin, film, polyvinyl paint and engineering plastics



佳人R-DMT纯度  
JIAREN R-DMT PURITY

Dimethyl Terephthalate

# DMT

## R-DMT产品系列及应用

R-DMT product series and applications

### CHDM (CYCLOHEXANEDIMETHANOL) 环己烷二甲醇

#### 产品特性 / Product characteristics

熔点高，耐热性好，光泽度好，耐化学腐蚀、耐冲击，易于加工成各种形状、外观和特殊效果。

High melting point, good heat resistance, good gloss, chemical corrosion resistance, impact resistance, easy to process into various shapes, appearances and special effects.

#### 产品应用 / Product application

高端化妆瓶、医用防护面罩、洗手液瓶、医疗标签、PETG收缩膜、电池标签等产品。  
Advanced cosmetic bottles, medical protective masks, hand sanitizer bottles, medical labels, PETG shrink film, battery labels and other products.



### TPEE (THERMOPLASTIC POLYESTER-ETHER ELASTOMER) 热塑性聚酯弹性体

#### 产品特性 / Product characteristics

耐高温，耐低温，耐化学性，具有橡胶的弹性和工程塑料的强度，且易加工成型。

High temperature resistance, low temperature resistance, chemical resistance, with rubber for elastic and engineering plastic strength, and easy to process molding.

#### 产品应用 / Product application

汽车部件、电线电缆、工业管道、改性材料等产品。  
Automotive parts, wire and cable, industrial pipes, modified materials and other products.



### DOTP (DI-2-ETHYLHEXYLTEREPHTHALATE) 对苯二甲酸二异辛酯

#### 产品特性 / Product characteristics

耐热、耐寒、电绝缘性能好，也是PVC塑料用的一种功能优良的增塑剂。

Heat resistance, cold resistance, good electrical insulation properties, is also a good functional plasticizer for PVC plastics.

#### 产品应用 / Product application

PVC增塑剂、电缆料、人造革等生产领域。  
PVC plasticizer, cable material, artificial leather and other production fields.



### PBAT (BUTYLENEADIPATE-CO-TEREPHTHALATE) 聚对苯二甲酸-己二酸丁二醇酯

#### 产品特性 / Product characteristics

延展性好，断裂伸长率，耐热性和冲击性能，是目前生物降解塑料中市场应用最好的降解材料之一。

Good ductility, elongation at break, heat resistance and impact properties, is currently one of the best biodegradable materials in the market.

#### 产品应用 / Product application

一次性塑料用品、宠物袋、快递塑料包装、农用膜等产品。  
Disposable plastic products, pet bags, express plastic packaging, agricultural film and other products.





# 再生切片系列

## R-CHIP SERIES

### 再生半消光切片 / 再生大有光切片 / 再生全消光切片

Recycled semi-dull chip / Recycled bright chip / Recycled full-dull chip

应用于生产涤纶长丝，可纺性近似于原生切片。  
在生产超细旦高F涤纶长丝（如：FDY 15D / 12F、FDY 20D / 48F、DTY 20D / 24F 等）时，性能尤为突出。

Applied to the production of polyester filament, spinnability is similar as the original chip.  
In the production of ultra-fine denier high F polyester filament (such as: FDY 15D / 12F, FDY 20D / 48F, DTY 20D / 24F, etc.), the performance is particularly outstanding.



再生半消光切片



再生大有光切片



再生全消光切片

### 再生无锑切片 / 再生阻燃切片

Recycled antimony-free chip / Recycled flame retardant chip

无锑半消光：  
产品用于各类环保纺织品的制造，无重金属，满足人们健康安全的追求。可通过欧盟《EN71-3: 2013》检测标准。

Antimony-free semi-dull: The products are used in the manufacture of all kinds of environmental protection textiles, no heavy metals, to meet the requirements of health and safety. Can pass the EU "EN71-3:2013" test standards.

阻燃：  
含磷阻燃共聚聚酯，可纺性好、质量稳定、高效阻燃，适用于消防类纺织品的制造。

Flame retardant: phosphorus-containing flame retardant copolypolyester, good spinnability, stable quality, high efficiency flame retardant, suitable for fire textiles manufacturing.

### 再生常温常压阳离子切片

Recycled normal temperature and normal pressure cationic chip

可纺长丝或短纤，用于织造染色鲜艳的面料。也可与其它纤维混纺，染成不同花型的麻灰效果或双色、多色效果的面料，降低了成本。

It can be spun filament or staple yarn for weaving brightly dyed fabrics. Can also be blended with other yarns, dyed into different patterns of hemp gray effect or two-color, multi-color effect of the fabric, reducing the cost.



再生无锑切片



再生阻燃切片



再生常温常压阳离子切片

### 再生高粘切片

Recycled high-viscosity chip

可以根据客户要求定制粘度在0.67~1.0dl/g的再生PET切片，如果对端羧基、DEG、颗粒大小等方面有要求，都可以进行定制。主要用来生产工业丝，可应用于轮胎、安全带、安全气囊等。

Recycled PET chip with a viscosity of 0.67~1.0dl/g can be customized according to customer requirements, and can be customized if the carboxyl end group, DEG, particle size and other aspects are required. Mainly used to produce industrial silk, can be used in tires, seat belts, airbags and so on.



再生高粘切片

### 再生低粘切片

Recycled low-viscosity chip

可与常规粘度PET / PBT / PTT 切片混合纺丝，生产出的复合丝具有优越的伸展性、柔软的质感、良好的发色性和柔和的缓冲性等特点。应用于服装到工业材料等产品中。

It can be mixed with conventional viscosity PET / PBT / PTT chips for spinning, and the composite spinning product has excellent extensibility, soft texture, good hair color and soft cushioning. Used in products ranging from clothing to industrial materials.



再生低粘切片

### 再生膜级切片（光学膜 / 离型膜）

Recycled film chip (Optical film / Release film)

光学膜：  
光学 PET 膜是为改变光学零件表面光学特点而镀在光学零件表面上的一层或多层膜，主要用途为消费电子显示面板、屏幕、裸眼 3D 显示等。

Optical film: Optical PET film is a layer or multi layer film plated on the surface of optical parts to change the optical characteristics of the surface of optical parts, the main use of consumer electronics display panels, screens, naked eye 3D display and so on.



再生膜级切片（光学膜）

离型膜：  
离型膜是指薄膜表面能有区分的薄膜。离型膜在电子行业的高端应用，主要是在生产过程起承载、固定、分隔作用。

Release film: Release film refers to the film surface can be distinguished film. The advanced application of release film in the electronics industry is mainly to carry, fixed and separate the production process.



再生膜级切片（离型膜）

### 再生瓶级切片

Recycled bottle grade chip

具有均匀的晶体结构，狭窄的分子质量分布；无毒、无味、有玻璃般透明和光泽；切片广泛用于瓶类包装容器；可用于制造食品、饮料包装瓶。

It has uniform crystal structure and narrow molecular mass distribution. Non-toxic, tasteless, glass-like transparency and luster; Chips are widely used in bottle packaging containers; It can be used to make food and beverage packaging bottles.



再生瓶级切片



“中国纤维流行趋势十大纤维品种”之一

## 佳人化学法 循环再生涤纶纤维

重新制成的聚酯纤维具有高品质、  
多功能、可追溯、永续循环等特点

One of the 'the major yarn varieties in China's  
yarn fashionable trend'

Jiaren's recycled polyester yarn  
with chemical recycling

The recycled polyester yarn has the features of high quality  
multi-function, traceability and permanent circulation





# 三项措施结合 确保佳人产品可追溯

THE COMBINATION OF THREE METHODS ENSURES  
THAT JIAREN PRODUCTS CAN BE TRACED

所有产品均含有佳人化学法特有的DNA可以通过国际权威认证，  
化学成分检测或通过并在重合工序添加特定追踪剂三大措施实现产品的可追溯性。

All products contain the unique DNA of Jiaren chemical recycling method, which can be traced through international authoritative certification, chemical composition testing, or by adding specific tracers during the overlapping process.

为了每一根再生纤维的品质，我们的生产线和检验检测中心所采用的设备均来自德国、瑞士、美国和日本等国家  
FOR THE QUALITY OF EVERY PIECE OF REGENERATED YARN  
Our production line and testing center are equipped with equipment from Germany, Switzerland, the United States, Japan and other countries.



## 化学成分检测

因佳人化学法技术的独特性  
所有产品均含有佳人化学法特有的DNA  
可实现追溯检测

## Chemical composition testing

Due to the uniqueness of Jiaren chemical technology,  
all products contain the DNA held  
by Jiaren Chemical method can be traced.



## 国际权威标准认证

国际权威机构的认证实现可追溯

## International authoritative standard certification

the certification of international authoritative  
organizations can be traced.



## 指定追踪剂

通过在重合工序添加特定追踪剂  
从而实现产品的可追踪

## Designated tracking agent

by adding a specific tracking agent  
in the overlapping process to achieve product traceability.

# 佳人企业资质

JIAREN ENTERPRISE QUALIFICATION

- 陈文兴院士领衔的专家工作站
- 省级博士后工作站
- 国家废旧纺织品化学法循环利用纤维研发生产基地
- 浙江省科技小巨人
- 浙江省隐形冠军培育企业
- 浙江省级企业研究院
- 浙江省企业技术中心
- 浙江省级绿色低碳工厂
- 工信部绿色设计产品



国家级第三批重点“小巨人”企业  
The third batch of national key  
"little giant" enterprises



国家高新技术企业  
National high-tech enterprises



发明专利  
25项--发明专利; 19项--实用新型专利; 19项--省级科技成果



发明专利  
Invention patents

25 -- invention patents; 19 -- utility model patents  
19 -- provincial scientific and technological achievements



标准制定  
2项--国家标准; 5项--行业标准; 7项--团体标准



标准制定

Standard setting

2 -- national standard; 5 -- industry standard; 7 -- Team standard





# 佳人全球业务版图

## JIAREN GLOBAL BUSINESS MAP

佳人业务覆盖全球30多个国家和地区，逾百个品牌与佳人开展可持续合作。

Jiaren business covers more than 30 countries and regions around the world, and over 100 brands have carried out sustainable cooperation with Jiaren.



期待更多合作伙伴加入。化学法循环，就是现在！  
We're looking forward to seeing more partners join us, chemical recycling, Right&Now!



# 佳人发展历程

JIAREN DEVELOPMENT

## 2012

佳人成立  
与日本帝人合资

Jiaren was established  
Joint venture with Teijin

## 2015

佳人正式投产

Jiaren is officially put into  
operation

## 2016

帝人公司退出股权  
佳人独自研发迭代  
实现3万吨级量产

Teijin company withdrawal of  
equity, Jiaren independently  
developed iteration,  
to achieve 30,000 tons of  
mass production

## 2017

佳人与品牌商合作  
在行业首推T2T项目

Jiaren cooperated with  
brand owners to launch  
the T2T project

## 2019

产品差异化加速，  
成功研发再生低粘、  
再生阳离子、再生阻燃等  
再生切片

Product differentiation accelerated  
and successfully developed  
recycled chips such as recycled  
low viscosity chips, recycled  
cationic chips, recycled flame  
retardant chips, etc

## 2022

·启动柯桥15万吨新项目  
·成功研发瓶级、膜级、工业级  
再生切片系列开启切片销售

·Start a new project of 150,000 tons  
in Keqiao  
·Successfully developed bottle grade,  
film grade, industrial grade recycled  
chip series, and officially started  
chip selling

## 2023

·佳人再生DMT全球首发  
填补国内空白  
·启动回收工厂建设

·The global debut of Jiaren  
recycled DMT to fill the domestic  
market gaps  
·Start the construction of  
recycling plants

## 未来 FUTURE

2030年  
构建50万吨级  
再生聚酯产业集群

In the future: In 2030,  
Jiaren is going to build an  
recycled polyester industrial  
cluster of 500,000 tons

建信佳人15万吨再生项目规划鸟瞰图  
位于中国浙江绍兴柯桥循环经济产业园  
其中第一期5万吨计划2024年建成投产

Bird's eye view of the 150,000 tons recycled project planning of Jianxin Jiaren  
Located in Shaoxing, Zhejiang, China Keqiao circular-economy Industrial Park  
The first phase of 50,000 tons is planned to be completed and put into operation in 2024

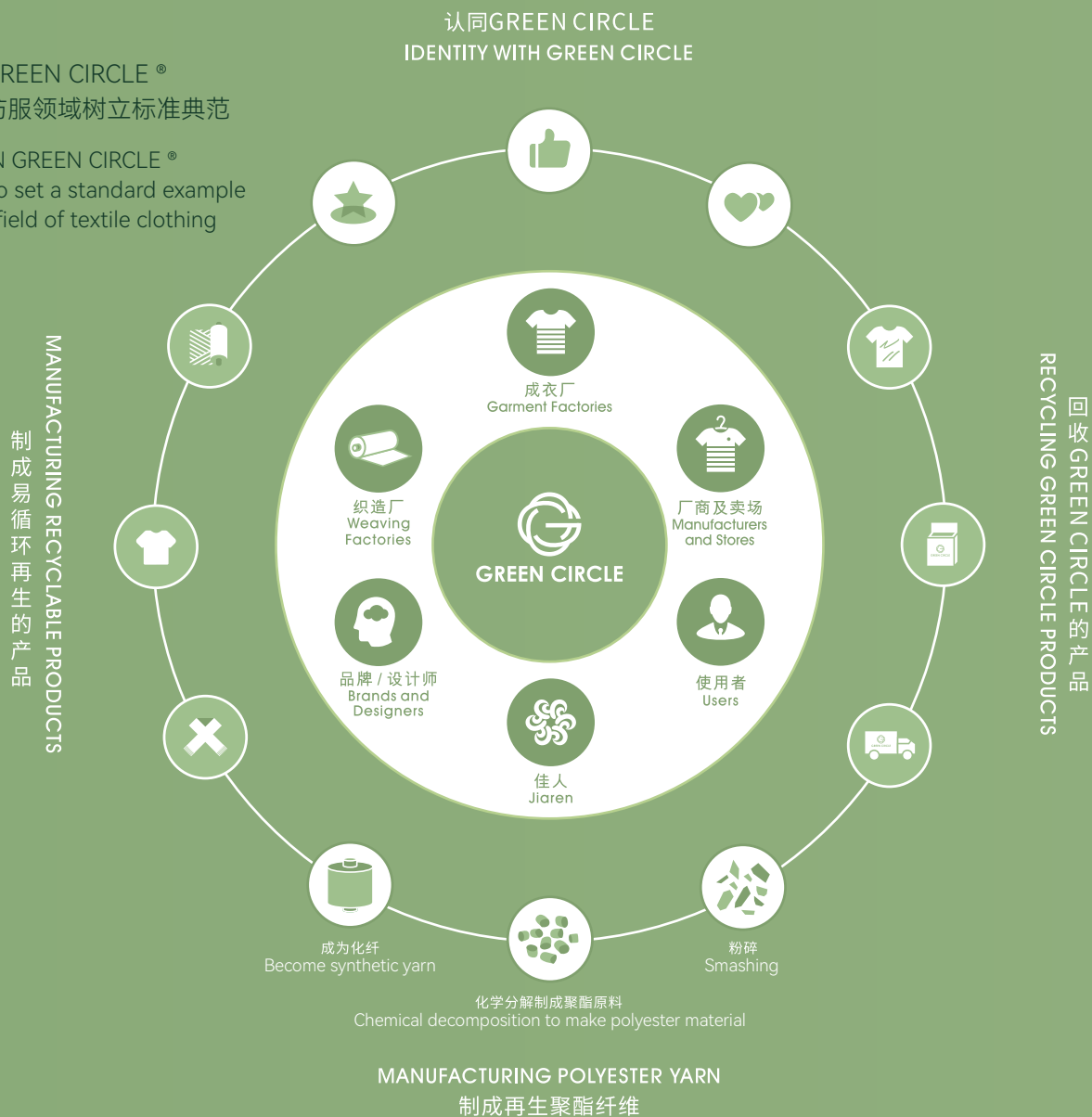


# GREEN CIRCLE®

## 佳人化学法永续循环生态

佳人GREEN CIRCLE®  
旨在纺织领域树立标准典范

JIAREN GREEN CIRCLE®  
Aims to set a standard example  
in the field of textile clothing



GREEN CIRCLE® -- 佳人化学法永续循环生态

佳人“GREEN CIRCLE® 化学法循环生态”是一个以产业链思维构建的化学法循环生态圈。其主旨是以产业共生推动循环事业的发展。

生态圈成员包括废品回收和分类、再生利用和下游制造、零售商、品牌商等相关企业。目前佳人“GREEN CIRCLE®”以纺织领域为基础，未来将进一步扩大到聚酯瓶、薄膜等相关产业。

GREEN CIRCLE® -- Chemical Method Recycling Ecosystem

“GREEN CIRCLE®” is a chemical method recycling ecosystem constructed with an industrial chain thinking. Its main purpose is to promote the development of circular industries through industrial symbiosis.

The members of the ecosystem include enterprises related to waste recycling and classification, recycling and downstream manufacturing, retailers, brand owners and other related enterprises. Currently, the Jiaren “GREEN CIRCLE®” based on the textile and clothing industry, it will further expand to related industries such as polyester bottles and films in the future.

T2T是佳人基于GREEN CIRCLE体系内的特定项目，旨在纺织领域树立标准典范。该项目由佳人与品牌或其他组织共同策划和携手，协同设计、生产、销售、消费者等产业链相关方，共同积极构建纺织品从摇篮到摇篮（回收 -- 利用 -- 循环）的行业内闭环。

T2T is a specific project within the GREEN CIRCLE system that aims to set a standard in the field of textile clothing. The project is jointly planned and joined by Jiaren and brands or other organizations to collaborate with the relevant parties of the industrial chain such as design, production, sales and consumers to actively build a closed loop within the industry of textiles from cradle to cradle (recycling - utilization - recycling).

目前佳人已与包括DECATHLON、H&M、NIKE、PUMA、ADIDAS、INDITEX、QS、KMART在内的众多品牌商深度合作推进T2T项目合作。

At present, Jiaren has deeply promoted T2T project cooperation with many brands including DECATHLON、H&M、NIKE、PUMA、ADIDAS、INDITEX、QS、KMART.



Successful practice of closed-loop recycling in textile industry



Realize the closed-loop recycling of polyester products in various industries



佳人化学法  
再生技术  
Jiaren chemical  
recycled technology

永续循环系统  
GREEN CIRCLE

# 每一天 都在为更好的世界

Every day for a better world

佳人正与全球的合作伙伴们一起  
以行动助力一个更加绿色和可持续的世界  
计划到2030年，佳人将实现年产50万吨再生产品

Jiaren is working with partners around the world.  
To contribute to a green and sustainable world.  
By 2030, Jiaren will achieve an annual output  
of 500,000 tons of recycled products.

批注：根据LCA报告数据，佳人每生产一吨再生产品，可减少1.55吨二氧化碳排放，减少1.9吨标煤的能源损耗

Note: According to the LCA report data, each ton of recycled products produced by Jiaren can reduce 1.55 tons of carbon dioxide emissions and reduce energy consumption of 1.9 tons of standard coal





# 控股股东中建信集团 提供强大支持

THE CONTROLLING SHAREHOLDER ZHONGJIANXIN HOLDINGS GROUP  
PROVIDES STRONG SUPPORT

是一家高科技、多元化、外向型的大型民营企业，通过上海市首批民营企业总部认定，上海企业百强，中国制造业企业 500 强。

精工钢构（600496.SH）成为全国钢结构行业连续 7 年排名第一企业，2022 年业务承接额已超 200 亿元。

过去 20 年，精工钢构先后承建了北京奥运会主场馆鸟巢、北京大兴机场、港珠澳大桥香港旅检大楼、世界最高楼 1007 米沙特国王塔、卡塔尔世界杯主场馆金色之碗等国内外知名钢结构建筑。

2022 年，中建信集团通过重整投资，成为碳纤维明星上市公司精工科技（002006.SZ）、以及黄酒龙头上市公司会稽山（601579.SH）的控股股东。

集团实体产业运营与产业投资并行发展，经过 23 年发展，截至以 2022 年末计，集团总资产 355 亿元，净资产 90 亿元，营业收入 242 亿元。

It is a high-tech, diversified and export-oriented large private enterprise, which has been recognized by the first batch of private enterprise headquarters in Shanghai as one of the top 100 enterprises in Shanghai and the Top 500 Manufacturing enterprises in China.

Jinggong Steel Structure (600496.SH) has become the first enterprise in the steel structure industry in China for 7 consecutive years, and the business undertaking has exceeded 20 billion yuan in 2022. In the past 20 years, Jinggong Steel Structure has undertaken the construction of the Bird's Nest, the main venue of the Beijing Olympic Games, the Beijing Daxing Airport, the Hong Kong-Zhuhai-Macao Bridge Hong Kong Passenger Inspection building, the world's tallest building 1007 meters King Saudi Tower, Qatar World Cup stadium Golden Bowl and other well-known steel structure buildings at domestic and overseas.

In 2022, Zhongjianxin Holdings Group became the controlling shareholder of carbon yarn star listed company Seiko Technology (002006.SZ) and rice wine leading listed company Kuaijishan (601579.SH) through restructuring investment.

The Group's real industry operation and industrial investment develop in parallel. After 23 years of development, as of the end of 2022, the Group has total assets of 35.5 billion yuan, net assets of 9 billion yuan and operating income of 24.2 billion yuan.

## 旗下产业

拥有境内 3 家上市公司、20 家高新技术企业和 4 家国家专精特新小巨人企业。  
精工钢构（600496.SH）、精工科技（002006.SZ）、会稽山（601579.SH）、佳人新材料、墙煌彩铝、九仙尊。

## INDUSTRIES

It has 3 domestic listed companies, 20 high-tech enterprises and 4 national specialized special new small giant enterprises. Jinggong Steel Structure (600496.SH), Jinggong Technology (002006.SZ), Kuaijishan (601579.SH), Jiaren new materials, Qianghuang Colored Aluminum, Jiuxian Zun.



## JINGGONG HOLDING GROUP



# 人才 – 佳人最宝贵的资产

TALENT – THE MOST VALUABLE ASSET OF JIAREN

## 用人理念

**爱才惜才** : 80% 中高层干部由应届生培养，干部平均年龄低于 35 岁  
**公平公正** : 公平竞争，能上能下，任人唯贤，人尽其才  
**开放包容** : 职业化团队，我们都来自五湖四海

## EMPLOYMENT PHILOSOPHY

**Talents** : 80% of middle and senior cadres come from fresh graduates, the average age of cadres is less than 35 years old  
**Fairness** : Fair competition and meritocracy  
**Openness** : Professional team, we come from all over the country

## 成长机会

**职业发展: 管理+专业双通道+任职资格体系牵引职业发展**

公司在行业内率先建立科学、系统的任职资格体系，为员工建立了管理和专业发展双通道。任职资格标准及任职资格评审机制支持员工专业序列纵向发展或跨专业轮岗发展。

## GROWTH OPPORTUNITY

**Career development: Management and professional dual channels + Qualification system leads career development**  
The company takes the lead in establishing a scientific and systematic qualification system in the industry, and establishes dual channels of management and professional development for employees. The qualification criteria and qualification evaluation mechanism support the vertical development of staff professional sequence or cross-professional rotation development.



**领导力培养**  
Leadership training  
**翔鹰班** Xiangying Class  
**金鹰班** Golden Eagle Class  
**雏鹰班** Eagle Class



**经理及新员工培养**  
Manager and new employee training  
**雪狼班** Snow Wolf Class  
**雄狮班** Lion Class  
**金牛班** Taurus Class



集团 **60%** 以上的高管拥有清华、北大及中欧名校学习背景  
  
More than 60% of the group's senior executives have Tsinghua University and Peking University. And the study background of famous Chinese and European Universities.

2000 位研发工程人才  
2,000 R&D engineering talents

27 位国家领军型人才  
27 national leading talents

24 位博士  
24 doctors

293 位硕士  
293 Masters

8 位合作院士  
8 co-academicians

8 位海内外英才  
8 home&abroad talents

2 位享受国务院津贴专家  
2 State Council allowance experts

451 位国家注册结构师、建造师  
451 national registered structural engineers and constructors

1 位全国劳模  
1 national model worker

3 位省五一劳动奖章  
3 provincial May Day Labour MEDALS

3 位省工匠  
3 provincial artisans

4 位市劳模和五一劳动奖章  
4 municipal model workers and the May Day Labour Medal

532 位市工匠库人才  
532 municipal model craftsmen



# 成为全球绿色 再生聚酯领跑者

TO BECOME THE GLOBAL LEADER IN  
GREEN RECYCLED POLYESTER



这是充满创新的时代

见证发展之光，也惋惜环境之殇，我们希望自然生机勃勃，希望世界始终如新  
真正变革的力量，是有勇气重建新的秩序

以自然的法则淬炼科技

共生、共赢、共享

一起构建一个循环不息的美好世界，以终为始，生生不息

This is a time of innovation

Witness the light of development, but also regret the damage of environment

We want nature to be alive and the world to always be new

The real power of change is the courage to rebuild a new order

Temper science and technology with the law of nature

Symbiosis, win-win, sharing

We will build a beautiful world together that will never end

Start with the end and live forever