



重庆荣之维新材料科技有限公司

Chongqing Glory Vinylon New Material Technology Co.,Ltd.



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科技引领品质为先
Glory Vinyon New Material

优质 开拓

High quality Exploration

创新

Innovation

引领

Lead

匠心 荣耀

Ingenuity Glory



企业简介 Enterprise Profile

重庆荣之维新材料科技有限公司成立于2020年，位于长寿国家经济技术开发区，企业从事聚乙烯醇（PVA）纤维的研发、生产及进出口销售。一期投入2.5亿人民币，占地100亩，建筑面积近4万平方，配套有办公楼、研发中心、生产车间、污水处理站、化工罐区及成品库房，生产规模1万吨/年。

公司产品上市后，部分产品已打破国外企业长期垄断的局面，有力促进医用胶带、污水水处理、特种造纸、农业种植、高档伴纺、刺绣、军队后勤保障及油田压裂等行业的发展。

公司先后获得重庆市专精特新中小企业、重庆市企业技术中心、高新技术企业等荣誉；通过OEKO-TEX标准认证、ISO-9001质量管理体系认证、ISO-14001环境管理体系认证、ISO-45001安全管理体系认证；取得多项发明专利及实用新型专利。

Chongqing Rongzhi Wei New Material Technology Co., Ltd. was established in 2020 and is located in Changshou National Economic and Technological Development Zone. The company is engaged in the research and development, production, import and export sales of polyvinyl alcohol (PVA) fibers. The first phase investment is 250 million RMB, covering an area of 100 acres with a construction area of nearly 40000 square meters. It is equipped with office buildings, research and development centers, production workshops, sewage treatment plants, chemical tank areas, and finished product warehouses, with a production scale of 10000 tons per year.

After the company's products were launched, some of them have broken the long-term monopoly of foreign enterprises, effectively promoting the development of industries such as medical tape, sewage treatment, special papermaking, agricultural planting, high-end companion spinning, embroidery, military logistics support, and oilfield fracturing.

The company has successively won honors such as Chongqing Specialized and Innovative Small and Medium sized Enterprise, Chongqing Enterprise Technology Center, and High tech Enterprise; Passed OEKO-TEX standard certification, ISO-9001 quality management system certification, ISO-14001 environmental management system certification, ISO-45001 safety management system certification; Obtained multiple invention patents and utility model patents.



质量第一
QUALITY IS FIRST



诚信为本
INTEGRITY FUNDAMENTAL

荣誉证书 Certificate of Honor

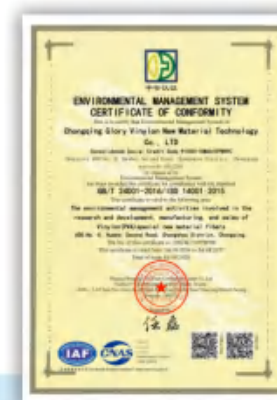
企业荣誉 Enterprise Honor



企业证书 Enterprise Certificate



企业证书 Enterprise Certificate



PVA缩醛化造纸超短纤维

PVA Acetalization Paper Short-cut Fiber

1 产品规格 Product Specification

代号	产品名称	名义线密度, dtex	名义长度, mm
RD-I纤维	电池隔膜专用纤维	0.55-1.1	3、4、6

Code	Name	Liner Density ,dtex	Length ,mm
RD-I fiber	Battery Separator Fiber	0.55-1.1	3、4、6

2 产品标准 Product Standard

项目	RD-I
线密度偏差率, %	M $\pm$ 10
干断裂强度, cN/dtex $\geq$	5.5
干断裂伸长率, %	M $\pm$ 3.0
耐热水性, $^{\circ}\text{C} \geq$	100
分散性, 级	1~3级

Item	RD-I
Thread density deviation rate , %	M $\pm$ 10
Dry breaking tenacity cN/dtex $\geq$	5.5
Dry breaking elongation , %	M $\pm$ 3.0
Hot water resistance , $^{\circ}\text{C} \geq$	100
Dispersion grade (class)	1~3 class

PVA Acetalization Paper Short-cut Fiber

PVA缩醛化造纸超短纤维

3 使用方法 Usage

RD-I纤维：按一定比例直接加入浆料中，参与造纸全过程。为避免纤维在打浆时被磨短，可以先用常温水把纤维分散开，直接加入沉浆池，搅拌均匀即可抄造使用。

RD-I fiber: directly added to the pulp in a certain proportion, participating in the entire papermaking process. To avoid shortening the fibers during pulping, they can be dispersed in room temperature water and directly added to the settling tank. After stirring evenly, they can be used for papermaking.

4 主要用途 Applications

RD-I：主要用于生产碱性电池隔膜或其他高档用纸。

RD-I : Alkaline cell diaphragm or High grade paper



造纸水溶纤维

PVA Binder Fiber

PVA Binder Fiber

造纸水溶纤维

1 产品规格 Product Specification

代号	产品名称	名义线密度, dtex	名义长度, mm
RSY-6纤维	造纸水溶纤维	1.00-2.00	3、4、6、8
RSY-7纤维	造纸水溶纤维	1.00-2.00	3、4、6、8
RSY-8纤维	造纸水溶纤维	1.00-2.00	3、4、6、8
RSY-9纤维	造纸水溶纤维	1.00-2.00	3、4、6、8
RSY-L纤维	造纸难溶纤维	—	4、6

Code	Name	Liner Density, dtex	Length, mm
RSY-6 fiber	Water soluble fibre	1.00-2.00	3、4、6、8
RSY-7 fiber	Water soluble fibre	1.00-2.00	3、4、6、8
RSY-8 fiber	Water soluble fibre	1.00-2.00	3、4、6、8
RSY-9 fiber	Water soluble fibre	1.00-2.00	3、4、6、8
RSY-L fiber	Papermaking insoluble fiber	—	4、6

2 产品标准 Product Standard

牌号	项目				
	长度/mm	线密度/dtex	溶断温度/℃	硫酸钠含量/%≤	分散性/级
RSY-6	$L_a \pm 1.0$	$M^b(1 \pm 0.1)$	60	20	1-3
RSY-7	$L_a \pm 1.0$	$M^b(1 \pm 0.1)$	70	20	1-3
RSY-8	$L_a \pm 1.0$	$M^b(1 \pm 0.1)$	80	20	1-3
RSY-9	$L_a \pm 1.0$	$M^b(1 \pm 0.1)$	90	20	1-3
RSY-L	$L_a \pm 1.0$	—	≥ 95	≤ 18	≤ 3

^a名义长度, 根据用户需求而定。
^b名义线密度, 根据用户需求而定。

Grade	Item				
	Length/mm	Liner Density/dtex	Dissolving temperature/℃	Na ₂ SO ₄ / % ≤	Dispersion grade /class
RSY-6	$L_a \pm 1.0$	$M^b(1 \pm 0.1)$	60	20	1-3
RSY-7	$L_a \pm 1.0$	$M^b(1 \pm 0.1)$	70	20	1-3
RSY-8	$L_a \pm 1.0$	$M^b(1 \pm 0.1)$	80	20	1-3
RSY-9	$L_a \pm 1.0$	$M^b(1 \pm 0.1)$	90	20	1-3
RSY-L	$L_a \pm 1.0$	—	≥ 95	≤ 18	≤ 3

^aNominal length
^bNominal linear density

3 使用方法 Usage

按一定比例直接加入浆料中, 若打浆温度低, 可参与造纸全过程, 若打浆温度高, 宜在沉浆池加入。为避免纤维在打浆时被磨短, 则先用常温水把水溶纤维分散开, 直接加入沉浆池中, 搅拌均匀即可抄造使用。

Directly add it to the pulp in a certain proportion. If the beating temperature is low, it can participate in the entire papermaking process. If the beating temperature is high, it is recommended to add it to the settling tank. To avoid shortening the fibers during pulping, the water-soluble fibers are first dispersed in room temperature water and directly added to the settling tank. After stirring evenly, they can be used for papermaking.

4 主要用途 Applications

主要应用于造纸, 其功能为增强、浆内施胶、助留等, 提高纸页耐破强度、撕裂度、抗张强度、拒水性等。

Paper making. Improve the paper's bursting strength tearing strength tensile strength water repellency



PVA缩醛化短纤维

PVA Acetalization Staple Fiber

PVA Acetalization Staple Fiber

PVA缩醛化短纤维

1 产品规格 Product Specification

代号	产品名称	名义线密度, dtex	名义长度, mm
RD-Ⅱ纤维	电池隔膜专用纤维	1.56	35-51
RD-Ⅲ纤维	纺织专用纤维	1.56	35-51

Code	Name	Liner Density ,dtex	Length , mm
RD-II fiber	Battery Separator Fiber	1.56	35-51
RD-III fiber	Textile Fibre	1.56	35-51

2 产品标准 Product Standard

项目	RD-Ⅱ、RD-Ⅲ
线密度偏差率, %	$N \pm 10$
干断裂强度cN/dtex $\geq$	4.4
干断裂伸长率, %	$N \pm 3.0$
耐热水性, $^{\circ}\text{C}$	115
分散性, 级	-
异状纤维, g/100g $\leq$	8.0
卷曲数, 个25mm $\geq$	3.5

Item	RD-Ⅱ、RD-Ⅲ
Thread density deviation rate, %	$N \pm 10$
Dry breaking tenacity cN/dtex $\geq$	4.4
Dry breaking elongation, %	$N \pm 3.0$
Hot water resistance, $^{\circ}\text{C}$	115
Dispersion grade (class)	-
Abnormal fibres, g/100g $\leq$	8.0
Number of crimp, 25mm $\geq$	3.5

3 使用方法 Usage

RD-Ⅱ纤维：纤维经开松、梳理、气流成网、浸胶、干燥、卷绕、分切、检验卷绕而成电池隔膜成品。

RD-II fiber: The fiber is opened, combed, air blown, impregnated, dried, wound, cut, and inspected to form a finished battery separator.

4 主要用途 Applications

RD-Ⅱ：主要用于生产充电电池隔膜。

RD-Ⅲ：主要用于制绳、制线、制传送带和水龙带等

RD-II : Rechargeable battery diaphragm

RD-III : Ropes, sewing thread、conveyor and water hose



PVA缩醛化长丝束

PVA Formaldehyde Long Fiber Bundle

PVA Formaldehyde Long Fiber Bundle

PVA缩醛化长丝束

1 产品规格 Product Specification

代号	产品名称	名义线密度, dtex	名义长度, mm
RQ长丝束	聚乙烯醇缩醛化长丝束	0.55-2.00	定重长

Code	Name	Liner Density, dtex	Length ,mm
RQ filament	PVA Formaldehyde Long Fiber Bundle	0.55-2.00	DTY

2 产品标准 Product Standard

牌号	项目					
	线密度/dtex	断裂强度/(cN/dtex)	断裂伸长率/%	含油率/%	/	疵点/(mg/100g)
RQ长丝束	0.55-2.0	≥6.0	14.0 ± 5.0	N ± ^b 0.05	/	≤ 50

^a名义线密度，随客户需求而定。
^b根据油剂种类而定。

Grade	Item					
	Liner Density /dtex	Breaking Tenacity (cN/dtex)	Breaking Elongation /%	Oil Content /%	/	Blemish (mg/100g)
RO Filament	0.55 -2.0	≥06	14.0 ± 5.0	N ^b ± 0.05	/	≤ 50

^aLiner Density is according to customer requirement.
^bAccording to oil types.

3 主要用途 Applications

维纶缩醛化长丝束可牵切纺纱，用于紫菜养殖、制绳、制线、制传送带和水龙带等；醛化长丝束在环保行业中作为污水处理的细菌载体进行使用。

Vinyl aldolized filament tows can be drawn and spun, used in nori culture, rope and thread making, conveyor belts and hoses, and so on. Aldehyde filament tows are used in the environmental industry as bacterial carriers for wastewater treatment.



PVA水溶短纤维

PVA Water-Soluble Staple Fiber

1 产品规格 Product Specification

代号	产品名称	名义线密度, dtex	名义长度, mm
RS-8(W)	聚乙烯醇水溶短纤维	1.0-2.0	38
RS-8(F)	聚乙烯醇水溶短纤维	1.0-2.0	38
RS-9(W)	聚乙烯醇水溶短纤维	1.0-2.0	38
RS-9(F)	聚乙烯醇水溶短纤维	1.0-2.0	38

Code	Name	Liner Density, dtex	Length, mm
RS-8(W)	PVA Water-Soluble Staple Fiber	1.0-2.0	38
RS-8(F)	PVA Water-Soluble Staple Fiber	1.0-2.0	38
RS-9(W)	PVA Water-Soluble Staple Fiber	1.0-2.0	38
RS-9(F)	PVA Water-Soluble Staple Fiber	1.0-2.0	38

2 产品标准 Product Standard

规格	等级	项 目										
		线密度 偏差率/%	长度偏 差率/%	溶断温度 /℃	断裂强度 /(cN/dtex)	断裂伸 长率/%	卷曲数/ 个/25mm	含油率 /%	热水不 溶物/%	疵点/ (mg/100g)		
RS-8(W)	合格品	±8.0	±8.0	76~85	≥3.8	22±5	≥3.5	≥0.15	≤0.08	≤20.0		
RS-8(F)	合格品	±8.0	±8.0		≥4.5							
RS-9(W)	合格品	±6.0	±6.0	86~95								≤0.06
RS-9(F)	合格品	±6.0	±6.0									

注1: 本表中的“%”为质量分数。

注2: 线密度偏差以名义线密度为计算依据。

Specification	Level	Item								
		Thread density deviation rate /%	Length deviation rate/%	Dissolving temperature /℃	Breaking tenacity/ (cN/dtex)	Breaking elongation /%	Number of crimp pcs/25mm	Oil content /%	Hot water insoluble/%	Blemish (mg/100g)
RS-8(W)	qualified	± 8.0	± 8.0	76~85	≥ 3.8	22 ± 5	≥ 3.5	≥ 0.15	≤ 0.08	≤ 20.0
RS-8(F)	qualified	± 8.0	± 8.0		≥ 4.5					
RS-9(W)	qualified	± 6.0	± 6.0	86~95						
RS-9(F)	qualified	± 6.0	± 6.0							

“%” is a quality value which determined as customers request
Thread density deviation is according to Liner Density

3 主要用途 Applications

水溶纤维一般为伴纺中间过渡材料，可纯纺加工水溶无纺布和水溶纱线，生产无捻毛巾、镂空织物、刺绣、一次性医疗卫生、辐射服等织物；也可与羊毛、棉、麻、丝等其它纤维混纺生产高支纱或特殊手感织物等织物。

Water-soluble fibers are generally used as intermediate transition materials for companion spinning, and can be purely spun to process water-soluble nonwoven fabrics and water-soluble fibers, and to produce untwisted towels, open-worked fabrics, embroidery, disposable medical and health care, and fabrics such as radiation clothing. Can also be blended with wool, cotton, hemp, silk and other fibers to produce high-count yarn or special feel fabrics.



PVA水溶长丝束

PVA Water-Soluble Long Fiber Bundle

PVA Water-Soluble Long Fiber Bundle

PVA水溶长丝束

1 产品规格 Product Specification

代号	产品名称	名义线密度, dtex	名义长度, mm
RS-7长丝束	聚乙烯醇水溶长丝束	1.00-2.00	定重长
RS-8长丝束	聚乙烯醇水溶长丝束	1.00-2.00	定重长
RS-9长丝束	聚乙烯醇水溶长丝束	1.00-2.00	定重长

Code	Name	Liner Density, dtex	Length, mm
RS-7 Filament	PVA Water-Soluble Long Fiber Bundle	1.00-2.00	DTY
RS-8 Filament	PVA Water-Soluble Long Fiber Bundle	1.00-2.00	DTY
RS-9 Filament	PVA Water-Soluble Long Fiber Bundle	1.00-2.00	DTY

2 产品标准 Product Standard

牌号	项 目						
	线密度 /dtex	断裂强度 /(cN/dtex)	断裂伸 长率/%	水溶温度 /°C	含油率 /%	热水不 溶物/%	疵点/ (mg/100g)
RS-7长丝束	1.00-2.00	≥ 4.0	/	70±5	N ^b ± 0.05	/	/
RS-8长丝束	1.00-2.00	≥ 4.0	16.0±5.0	80±5	N ^b ± 0.05	≤ 0.12	50
RS-9长丝束	1.00-2.00	≥ 5.0	15.0±5.0	97±3	N ^b ± 0.05	≤ 0.12	50

^a名义线密度, 随客户需求而定。

^b根据油剂种类而定。

Grade	Item						
	Liner Density dtex	Breaking tenacity/ (cN/dtex)	Breaking elongation /%	Soluble temperature /°C	Oil content /%	Hot water insoluble/%	Blemish (mg/100g)
RS-7 Filament	1.00-2.00	≥ 4.0	/	70±5	N ^b ± 0.05	/	/
RS-8 Filament	1.00-2.00	≥ 4.0	16.0±5.0	80±5	N ^b ± 0.05	≤ 0.12	50
RS-9 Filament	1.00-2.00	≥ 5.0	15.0±5.0	97±3	N ^b ± 0.05	≤ 0.12	50

^aLiner Density is according to customer requirement.

^bAccording to oil types.

3 主要用途 Applications

PVA水溶长丝束通过拉断工艺加工成毛条, 与苧麻、亚麻混纺生产麻-维纱, PVA纤维的加入可提升纺纱功效。麻-维纱加工成布料, 布料杂色前, 在热水中将PVA纤维除去, 制得高支、轻薄纯麻面料。

PVA water-soluble long-fiber bundle are processed into sliver through a breaking process and blended with ramie and flax to produce a hemp-PVA yarn. The incorporation of PVA fibers can improve the spinning efficiency. The hemp-PVA yarn is then woven into fabric. Before the fabric is dyed in miscellaneous colors, the PVA fibers are removed in hot water to obtain a high-count, lightweight pure hemp fabric.



高强高模服饰纤维

High Tenacity High Modulus Clothing Fibre

High Tenacity High Modulus Clothing Fibre

高强高模服饰纤维

1 产品规格 Product Specification

代号	产品名称	名义线密度, dtex	名义长度, mm
RGM	高强高模服饰纤维	1.56-2.20	35-76

Code	Name	Liner Density, dtex	Length, mm
RGM	High Tenacity High Modulus Clothing Fibre	1.56-2.20	35-76

2 产品标准 Product Standard

序号	项目	单位	指标
1	线密度偏差率	%	±6.0
2	长度偏差率	%	±6.0
3	断裂强度	cN/dtex	≥8.0
4	断裂强度变异系数(CV)	%	≤17
5	断裂伸长率	%	≥13.0
6	断裂伸长变异系数(CV)	%	≤12
7	耐热水性	℃	≥115
8	回潮率	%	5±1
9	含油率	%	0.3±0.05
10	超长纤维含量	%	≤2.0
11	倍长纤维含量	mg/100g	≤10
12	卷曲数	个/25mm	≥12
13	异性纤维	mg/100g	≤5
14	色泽		符合标样

NO.	Item	Unit	Standard
1	Thread density deviation rate	%	±6.0
2	Length deviation rate	%	±6.0
3	Breaking tenacity	cN/dtex	≥8.0
4	Breakingtenacity variation coefficient	%	≤17
5	Breaking elongation	%	≥13.0
6	Breaking elongation variation coefficient	%	≤12
7	Hot water resistance	℃	≥115
8	Moisture regain	%	5±1
9	Oil content	%	0.3±0.05
10	Over length fibre	%	≤2.0
11	Double length fibre	mg/100g	≤10
12	Number of crimp	pcs/25mm	≥12
13	Foreign fibers	mg/100g	≤5
14	Colour and lustre		Conforms to standard

3 使用方法 Usage

本纤维的使用方法与普通棉纺工序一样, 即可纯纺也可混纺, 但要控制好各工序温湿度。

The usage method of this fiber is the same as that of ordinary cotton spinning process, which can be pure spinning or blended, but the temperature and humidity of each process should be controlled well.

4 主要用途 Applications

主要用于制作特种服装面料、炮衣、军用帐篷、子午胎或车轮帘子线。

textiles、gun cover、base house tent、radial tire、tyre cord



蛋白纤维

Protein Fiber

1 产品规格 Product Specification

代号	产品名称	名义线密度, dtex	名义长度, mm
维纶纤维G	蛋白纤维	1.67	51

Code	Name	Liner Density, dtex	Length, mm
Vinyon fiber G	protein fiber	1.67	51

2 产品标准 Product Standard

项目	维纶纤维G
线密度偏差率, %	$M \pm 10$
长度偏差率, %	$M \pm 10$
断裂强度, cN/dtex $\geq$	4.0
断裂伸长率/%(L/L)	>14
耐热水性, $^{\circ}\text{C}$	>95
纤维甲醛残留mg/kg $\leq$	350
卷曲数, 个25mm $\geq$	4.1
蛋白含量%	2-25
含油量%	0.30-0.60
回潮率% $\leq$	5.00

Item	Vinyon fiber G
Line density deviation rate, %	$M \pm 10$
Length deviation rate, %	$M \pm 10$
Fracture strength, cN/dtex $\geq$	4.0
Elongation at break/%(L/L)	>14
Hot water resistance, $^{\circ}\text{C}$	>95
Residual formaldehyde in fibers mg/kg $\leq$	350
Curling number, 25mm $\geq$	4.1
Protein content%	2-25
Oil content%	0.30-0.60
Moisture regain rate% $\leq$	5.00

3 使用方法 Usage

由聚乙烯醇(PVA)和大豆蛋白(榨过油的大豆豆粕)为主要原料, 经湿法纺丝而成。大豆蛋白纤维具有一定的耐碱性、耐日光性、优良的抗静电性及抗菌保健功能等, 被誉为健康舒适纤维。

made from polyvinyl alcohol (pva) and soy protein (pressed soybean meal) as the main raw materials, through wet spinning. soy protein fiber has certain alkali resistance, sunlight resistance, excellent anti-static properties, and antibacterial health functions, which known as a healthy and comfortable fiber.

4 主要用途 Applications

维纶纤维G: 主要应用于服装面料、床上用品、高档玩具及高档沙发等填充用品。

Vinyon fiber G: mainly used in filling products such as clothing fabrics, bedding, high-end toys, and high-end sofas.



包装、储存及运输

Packaging, Storage, and Transportation

采用复膜编织袋定量包装，每袋15KG、20KG、25KG、50KG、150KG。
储存产品应按批储存在通风、干燥的仓库中，运输途中严禁雨淋。

Packaging, Storage, and Transportation

包装、储存及运输

We use laminated woven bags for quantitative packaging, with each bag weighing 15KG, 20KG, 25KG, 50KG, and 150KG.
Products should be stored in batches in , ventilated, and dry warehouse, and rain is strictly prohibited during transportation.



科技引领 · 品质为先

建设优质高效环境友好型企业
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