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后加工  
特殊产品



# PAPER CHEMICALS

造纸

A dynamic splash of water in shades of blue and white against a black background, with droplets falling from the right side.

# PAPER CHEMICALS

## 造纸

We have a global resources of highly skilled personnel with our advanced chemicals that can be used for analyzing, testing, optimizing and supporting process of paper towels, blankets and other papermaking processes. Our deep expertise and understanding of customer's relationships make us to be a good partner for the paper industry. With our expertise in the paper industry, technology and resources from specialized departments in other industrial areas, thus we have a broader portfolio of chemicals and skills than competitors.

德润宝拥有全球高技术人才资源，拥有可用于分析、试验、优化和支持整个纸巾、毛毯和其他造纸过程中使用的化学品。我们深厚的专业知识和对客户关系的理解，使我们成为造纸行业的良好合作伙伴。德润宝在造纸行业的专业能力，从其他工业领域的专业部门调用技术和资源，从而拥有比竞争对手更广泛的化学品和技能组合。



# STOCK PREP

## 备料阶段

CATEGORY 分类	PRODUCT MODEL 产品种类	FUNCTION/FEATURES 功能/特性
<b>SOFTENER</b> 柔软剂，改善纸巾表面柔软度、蓬松感和手感。 Softener, improves the softness, fluffiness, and hand feel of tissue surfaces.	SOFTLAYER 44	基于酯的表面柔软剂 Ester based surface softener
	SOFTLAYER 77	含硅氧烷的表面柔软剂，可使纸张产生丝状触感 Surface softeners containing siloxane can create a filamentous texture on paper.
<b>BIOCIDES</b> 杀菌剂，控制造纸工艺用水和水循环系统中的微生物。 Fungicide, controlling microorganisms in papermaking process water and water circulation system.	Cleansept MiR P-15	传统型杀菌剂 Traditional fungicides
	Cleansept DUO	适宜的pH 范围是4~7、杀灭藻类和海藻有特效 The suitable pH value range is 4-7, which is effective in killing algae and seaweed.
	FEROSEPT BC-4	广谱反应型，具有高效、低毒、适用性广特点 Broad spectrum reactive type, characterized by high efficiency, low toxicity, and wide applicability.
<b>ENZYMES</b> 打浆酶，提高纸张强度，节约磨浆能耗。 Beating enzyme improves paper strength and saves energy consumption during pulping.	PETROZYM STR 2	打浆酶制剂，可有效提高纸张强度，降低磨浆能耗 Beating enzyme preparation can effectively improve paper strength and reduce pulping energy consumption.
	PETROZYM STR 4	高性能打浆酶制剂，有效增加纤维原纤化，减少细小纤维的产生 High performance beating enzyme preparation, effectively increasing fiber fibrillation and reducing the production of small fibers.



# B WET END

湿部

CATEGORY 分类	PRODUCT MODEL 产品种类	FUNCTION/FEATURES 功能/特性
<b>DEFOAMER</b> 基于矿物油、乳液或合成配方的消泡剂 Defoamer based on mineral oil, lotion or synthetic formula	ISOFOAM 86P	醚类消泡剂，适用于各种场合的造纸过程中消泡。它能有效的控制表面泡沫，有良好的乳化和消泡性能 Ether defoamers are suitable for defoaming in various papermaking processes. It can effectively control surface foam and has good emulsification and defoaming properties.
	ISOFOAM 89P	醇类消泡剂，有良好的消泡功能，成本低 Alcohol defoamer, with good defoaming function and low cost
	ISOFOAM 68	白油，酯类添加剂，可抑泡和表面消泡 White oil, ester additives, can inhibit foaming and surface defoaming
<b>FERODUST</b> 高分子化合物的粉尘控制剂 Dust control agent for polymer compounds	FERODUST CN 10	阳性改性高分子化合物，改善原纸表面粉尘和干部掉毛掉粉现象 Positive modified polymer compound improves the surface dust and debris shedding of the base paper



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CATEGORY 分类	PRODUCT MODEL 产品种类	FUNCTION/FEATURES 功能/特性
<b>CLEANER</b> 清洗剂，适用于毛毯、成型网或系统管道清洁。 Cleaning agent, suitable for cleaning blankets, forming nets, or system pipelines.	FEROCLEAN RFS 6 SH	无机沉积物用酸性毛毯、成型网清洁剂 Acidic blankets and formed mesh cleaners for inorganic sediments
	FEROCLEAN RFS 8 SH	用于有机沉积物的碱性毛毯、成型网清洁剂 Alkaline blankets and formed mesh cleaners for organic sediments
	FEROCLEAN RFS 18	毛毯、成型网用100%活性成分的溶剂清洁剂 100% active ingredient solvent cleaner for blankets and forming nets
	FEROCLEAN RFS 24	用于毛毯、成型网的高效多功能碱性清洁剂，一般停机时清洗使用 Efficient and multifunctional alkaline cleaner for blankets and forming nets, usually used for cleaning during shutdown
	FEROCLEAN RFS 22 SH	100%有效成分，表面活性剂，一般连续清洁使用 100% active ingredient, surfactant, generally used for continuous cleaning
<b>CONDITIONER &amp; STICKY CONTROL</b> 树脂控制剂或树脂控制酶，用于处理和预防胶黏物的产生 Resin control agents or resin control enzymes are used to treat and prevent the production of adhesives.	树脂控制剂-SD Pitch control agent-SD	非离子包裹型，包裹树脂或其他污染物，使胶黏物等有机沉淀物能够得到有效控制 Non ionic encapsulation type, which wraps resin or other pollutants to effectively control organic precipitates such as adhesives.
	树脂控制剂-HN Pitch control agent-HN	以软化甚至溶解树脂沉积物从而有效的控制树脂的产生 Softening or even dissolving resin deposits to effectively control resin production
	树脂控制剂-DH Pitch control agent-DH	阳离子切断型，将树脂分子切断从而有效预防胶黏物絮聚 Cation cutting type, which cuts off resin molecules to effectively prevent adhesive floc
	树脂控制酶RCE150 Resin controlled enzyme RCE150	用于胶黏物控制的专利酶制剂 Patent enzyme preparation for adhesive control

# RUNNABILITY



# YANKEE DRYER

## 杨克烘缸

CATEGORY 分类	PRODUCT MODEL 产品种类	FUNCTION/FEATURES 功能/特性
<b>COTAC</b> 烘缸涂料，粘缸剂和改良剂，基于各种类型的聚合物、添加剂、增塑剂和调节剂。 Drying cylinder coatings, adhesives, and modifiers, based on various types of polymers, additives, plasticizers, and modifiers	COTAC 25 H	交联聚合物粘缸剂，酸性，涂层较软 Cross linked polymer cylinder adhesive, acidic, with a softer coating
	COTAC 33 H	交联聚合物粘缸剂，酸性，涂层较软 Cross linked polymer cylinder adhesive, acidic, with a softer coating
	COTAC 47 H	交联聚合物粘缸剂，酸性，涂层较软 Cross linked polymer cylinder adhesive, acidic, with a softer coating
	COTAC 920 H	非交联聚合物粘缸剂 Non crosslinked polymer cylinder adhesive
	COTAC 940 H	非交联聚合物粘缸剂，碱性，可快速形成涂层 Non crosslinked polymer cylinder adhesive, alkaline, can quickly form coatings
	COTAC 940H PLUS	非交联聚合物粘缸剂，碱性，可快速形成涂层，有强粘性 Non crosslinked polymer cylinder adhesive, alkaline, can quickly form coatings, with strong adhesion



# VERSATILE

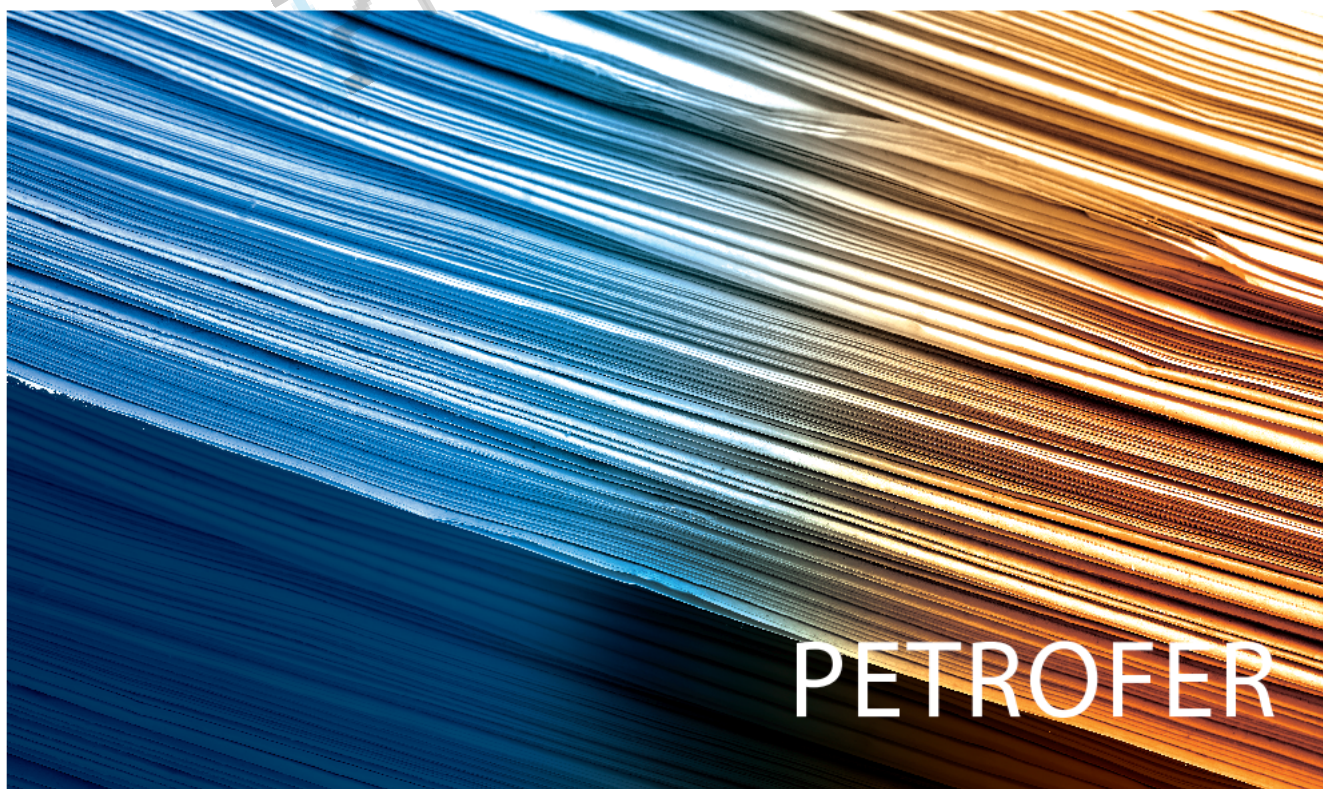




# YANKEE DRYER

## 杨克烘缸

CATEGORY 分类	PRODUCT MODEL 产品种类	FUNCTION/FEATURES 功能/特性
<b>COTAC</b> 烘缸涂料，粘缸剂和改良剂，基于各种类型的聚合物、添加剂、增塑剂和调节剂。 Drying cylinder coatings, adhesives, and modifiers, based on various types of polymers, additives, plasticizers, and modifiers	COTAC 3260H	交联聚合物粘缸剂，酸性，涂层较软，粘性强，适用高速纸机 Cross linked polymer cylinder adhesive, acidic, soft coating, strong viscosity, suitable for high-speed paper machines
	COTAC 105 C	基于一种磷酸盐的改良剂，有利于涂层建立 Based on a phosphate based modifier, it is beneficial for coating establishment
	COTAC 115 C	基于一种磷酸盐的改良剂，可软化涂层 Based on a phosphate based modifier, the coating can be softened
	COTAC 400 C	基于一种磷酸盐改良剂，可加强涂层，有利于涂层建立 Based on a phosphate modifier, it can strengthen the coating and facilitate the establishment of the coating
	COTAC 207 P	基于聚乙烯醇的改良剂，可软化涂层 Modified agent based on polyvinyl alcohol, capable of softening coatings





# YANKEE DRYER

## 杨克烘缸

CATEGORY 分类	PRODUCT MODEL 产品种类	FUNCTION/FEATURES 功能/特性
<b>RELEASE AGENT</b> 基于矿物油、天然植物油、合成配方和水基产品的剥离剂 Release agents based on mineral oil, natural vegetable oil, synthetic formulas, and water-based products	Release Agent 42	基于植物油基的剥离剂 Plant oil-based release agent
	Release Agent 56	基于矿物油基的剥离剂 Plant oil-based release agent
	Release Agent 200HX	基于矿物油基的剥离剂 Plant oil-based release agent
	Release Agent GLW 100	水基、无矿物油的剥离剂 Water based, mineral- oil- free release agent
<b>YANKEE EDGE SPRAY</b> 水性产品，含耐磨、溶解沉积物和缓蚀成分 Water based products containing wear-resistant, dissolved sediment, and corrosion inhibiting components	COTAC 460 P +	用于清洁和保护烘缸表面。可处理黄边问题，针对黄边严重情况，喷淋在烘缸边缘 Used for cleaning and protecting the surface of the dryer. Can handle the problem of yellow edges, and spray on the edge of the dryer to address severe yellow edge issues.
	COTAC 480 P	水性乳液，用于处理烘缸边缘的黄边问题 Water based lotion, used to deal with the yellow edge problem at the edge of the drying cylinder







# CONVERTING

## 后加工

CATEGORY 分类	PRODUCT MODEL 产品种类	FUNCTION/FEATURES 功能/特性
<b>ADHESIVES</b> 用于纸张生产/加工过程的一系列胶水 A series of adhesives used in paper production/processing processes	COTAC 20 G	高效纸管芯胶 Efficient paper tube core adhesive
	COTAC 15 PG	层胶 Layer adhesive
	COTAC 69 E	快干尾胶非胶联聚合物, 辅助成分, 用于后加工卷纸最后粘口 Quick drying tail adhesive non adhesive polymer, auxiliary ingredient, used for post processing paper rolls and final adhesive mouth
<b>CLEANER</b> 防止沉积物和灰尘积聚, 清洁压花辊 A series of adhesives used in paper production/processing processes	EMBOLUB 10 D	油基清洁剂, 用于压花辊清洁, 改善加工工艺 Oil based cleaner, used for cleaning embossing rollers and improving processing technology
<b>SOFTENERS &amp; LOTIONS</b> 产品一般采用喷涂设备 Products generally use spraying equipment	SOFTLAYER 2	无硅无油柔软剂 Silicon free and oil-free softener
	SOFTLAYER 72	表面柔软剂 Surface softener
	SOFTLAYER 77	表面柔软剂, 含硅氧烷, 可使纸张产生丝状触感 Surface softener, containing siloxane, it can give paper a filamentous texture
<b>CUTTING FLUIDS</b> 实现清洁、高效的切割, 同时减少浪费和刀片磨损 Realize clean and efficient cutting while reducing waste and blade wear	SAWLUBE PAP 10	用于旋转刀具和刀片的原木锯切削液 Original wood saw cutting fluid for rotating cutting tools and blades





# SPECIALTIES

特殊产品

CATEGORY 分类	PRODUCT MODEL 产品种类	FUNCTION/PROPERTY 功能/特性
<b>PICK UP GLUES</b> 用于将松散纸张粘到纸管芯上的粘合剂 Adhesive used to stick loose paper to the core of a paper tube	SPINTAC PM	水基、无硼、用于更换卷筒的胶水 Water based, boron free, adhesive for replacing reels
<b>REPULPING AID</b> 用于将松散纸张密封到拾带盘的粘合剂 Improve efficiency and energy-saving products, optimize the pulping process	DE-COTAC BECK	无机盐混合物，湿强解离剂，用于高湿强纸回收碎浆过程中，可降低能量，提高产量 Inorganic salt mixture, wet strength dissociating agent, used in the recycling and pulping process of high wet strength paper, can reduce energy and increase yield
<b>DESCALING CHEMICALS</b> 真空泵、热交换器和管道工程的沉积物抑制剂和去除剂 Sediment suppressants and removers for vacuum pumps, heat exchangers, and pipeline engineering	FEROCLEAN LIME	中性pH除磷产品 Neutral pH descaling products
<b>VCI PAPER</b> VCI纸生产用防腐添加剂 Anti corrosion additive for VCI paper production	PETROCOR	无溶剂防锈剂，用于在VCI纸中保护钢、铸铁和合金 Solvent free rust inhibitor, used to protect steel, cast iron, and alloys in VCI paper

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4	METAL WORKING FLUIDS	金属加工介质
5	METAL FORMING LUBRICANTS	金属成型加工
6	INDUSTRIAL LUBRICANTS	工业润滑
7	INDUSTRIAL CLEANERS	工业清洗剂
8	RUST PREVENTATIVES	防锈剂
9	PAPER CHEMICALS	造纸
10	GREASES	润滑脂

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