

专业离子交换树脂和吸附剂制造商 Professional ion exchange resin and adsorbents manufacturer



江苏金杉新材料有限公司

Jiangsu Kingshan New Material Co.,Ltd



公司简介

**Company Profile** 

江苏金杉新材料有限司,是一家专业集研发、生产、销售于一体的离子交换和吸附树脂公司,自有品牌 Bestion。金杉的生产基地年产能达到 60000 立方,产品出口到全球 100 多个国家和地区。

质量全面按照 ISO9001/2008 质量体系检测认证,食品,药品,饮料和饮用水行业产品符合 ANSI/NSF61 标准,通过 WQA 实地认证,以确保向客户提供最优质的产品。

金杉关注人类健康,环境保护,生命科学的发展,设立 R&D 自主研发部门,产品不断的推陈出新,从而不断的促进人与自然的和谐相处。

Jiangsu Kingshan New Material Co.,Ltd. is a professional ion exchange resin and adsorbent company integrating R&D, production and sales. There is a 60000-cube meter per annual capacity plant to product reins with its own brand Bestion, and the products are exported to more than 100 countries and regions all over the world.

The quality is fully in accordance with ISO9001/2008 quality system inspection and certification. food, medicine, beverage and drinking water industry products in accordance with ANSI/NSF61 standards, achieve WQA certification, to ensure to provide customers with the best quality products.

Kingshan focuses on the development of human health, environmental protection and life science, and establishes an independent R&D department to ensure the continuous improvement and innovation of products, so as to continuously promote the harmony between human and nature.

#### 企业文化

人在一起不是团队, 心在一起才是完美的团队

The PERFECT team is not gathering people, is really gathering HEART.

#### 企业目标

不断推进中国离子交换树脂和吸附树脂向更高科技含量发展,成为世界离子交换树脂和吸附树脂供应商中的引领者

to continuously promote the development of ion exchange resin and adsorbent resin in China to a higher technological level, and to become the world's leading ion exchange resin and adsorbent resin supplier.

企业愿景

处处绿水青山, 人人健康平安

wish green everywhere, people healthy and safe.

产品应用

Product Application

- 01.环境保护 Environmental Protection
- 02.制药工业 Pharmaceutical Industry
- 03. 酶载体 Enzyme Carrier
- 04.层析分离介质 Chromatography Separation Media
- 05. 固相合成载体 Solid Phase Synthesis Carrier
- 06.糖工业 Sugar and Sweeteners
- 07.食品加工工业 Food Industry
- 08.金属应用 Metal Applications
- 09.化学工业 Chemical Industry
- 10.工业催化 Catalysis Industry
- 11.天然产物提取分离 Natural Products Extraction and Separation
- 12.水处理 Water Treatment
- 13.能源行业 Energy Industry
- 14.饮用水和地表水 Drinking Water and Underground Water Treatment
- 15.定制应用 Custom Resins on Request

#### **Environmental Protection**

废气应用 Gas application		
EP803	气体中去除 SO2	
	Removal of SO2 from gas	
EP-T1	去除气体中的甲醛	
	Remove formaldehyde from gas	
AB113	去除气体中的 TVOCs,卤代烃	
	Remove TVOCs and halogenated hydrocarbons from the gas	
EP502	去除气体中小分子卤代烃	
	Removal of small molecular halogenated hydrocarbons from gases	
EP507	废气中有机物去除	
	Removal of organic matter from steam	
无机污染物 Inorganic pollution		
AR998,	氨氮废水处理,吸附率高, 运行方便	
AR650	Ammonia nitrogen wastewater treatment with high adsorption rate, convenient operation	
ARM99	高 TDS 水体氨氮去除,H 型和 Na 型都适用	
	Ammonia nitrogen removal in high TDS water, H and Na form are applicable	
BDX01,	适用于硝酸根树脂的去除, 即使在中度到高度不等的硫酸盐存在的情况下	
BDX01FD	Suitable for removal of nitrate resins, even in the presence of moderate to high sulfates	
NT771,	适用于硫酸含量很低时去除硝酸根	

NT871 Suitable for nitrate removal with low sulfuric acid content

AS600 除砷

Arsenic removal

JK-P 除无机磷

Inorganic phosphorus removal

BD501 除水中硼酸根

Removal of borate in water

JK-F 氟去除,液碱再生,更高交换容量

Novel fluoride selectivity resin with liquid alkali regeneration, and high operate capacity

JK-FT 氟去除,铝盐再生,交换容量低

Fluoride chelating resin with aluminum salt regeneration

# 重金属废水 Heavy metal pollution

BMAH 废水中重金属去除

Heavy metal removal from waste water

EP981	用于电镀液、 浸出液和海水中的贵金属回收,去除废水中微量的贵金属。 Used for recovering precious metal in electroplating solution, leaching solution and sea water, removing trace precious metal in waste water.
EP801	废水中金属氰化物和阴离子态重金属去除 metal cyanide and anionic heavy metal removal from waste water
EP605	废水中重金属去除,尤其是络合态;铂族金属去除 Heavy metal removal from waste water, especially for complexation
EP871	废水中六价铬去除
BA-31	Hexavalent chromium removal from waste water
BMTN	废水中除汞
	Mercury removal from wastewater
有机废水(	Organic pollution
ND100	用于各种废水深度处理, 对溶解性有机质、 色度及阴离子无机物具有快速的除去作用 Used for deep treatment of various wastewaters, with rapid removal of dissolved organic matter, color and anionic inorganic matter
ND600	废水中除脂肪烃类油
	Removal of aliphatic hydrocarbon oil from wastewater
AB103,	有机化工、农药、染料、医药废水治理及资源化回收
AB103A	Treatment and recycling of organic chemical, pesticide, dye and pharmaceutical
	wastewater
EP507	废水、地下水、蒸汽中有机物去除,水合极性溶剂中有机物去除。苯酚和芳香烃的去除及
	回收,氯代烃和农药等的去除
	Removal of organic matter from wastewater, groundwater, and steam, Removal of
	organics from hydrated polar solvents.Removal and recovery of phenol and aromatic
	hydrocarbons,Removal of chlorinated hydrocarbons and pesticides.

制药工业

**Pharmaceutical Industry** 

# 抗生素应用 Antibiotic application

PC521 从天然产物提取和发酵液中回收抗生素。肝素钠提取与精制。

(OT521) Antibiotics are recovered from natural product extraction and fermentation broth.

Heparin sodium extraction and purification

PCM8(OTM81) 用于氨基糖苷类抗生素纯化。大环内酯抗生素如红霉素、泰乐菌素纯化,红霉素的衍生

物如克拉霉素和阿奇霉素

	Purification of aminoglycoside antibiotics, purification of macrolide antibiotics such as tylosin of erythromycin (include its derivatives such as clarithromycin and azithromycin).
PC660	溶菌酶提取,链霉素、交沙霉素、异帕米星等氨基糖苷类抗生素的提取分离 Lysozyme extraction, extraction and separation of aminoglycoside antibiotics, such as streptomycin, josamycin, and isopamicin.
PC821	氨基糖苷类抗生素的纯化脱色,大环内酯类抗生素脱色,克拉维酸的回收 Purification and decolorization of aminoglycoside antibiotics, decolorization of macrolide antibiotics, recovery of clavulanic acid
PC764,PC765	β-内酰胺类抗生素纯化,在头孢菌素 C 纯化中常与 BJ7505 联用 Purification of β-lactam antibiotics, often combined with BJ7505 in cephalosporin C purification
PC165	西索米星、妥布霉素、丁胺卡那霉素等氨基糖苷类抗生素提取,酶提取 Extraction of aminoglycoside antibiotics such as sisomicin, tobramycin, amikacin, and enzyme extraction
PC941	用于多种抗生素提取 For various antibiotic extraction
PC901	土霉素等多种抗生素的提取 Extraction of various antibiotics such as oxytetracycline
PC912,PC916	适用于庆大霉素、链霉素、土霉素等多种抗生素生产中去除阳离子杂质。 It is suitable for the removal of cationic impurities in the production of various antibiotics such as gentamicin, streptomycin and oxytetracycline.
PC640	适用于硫酸盐粘杆菌素、链霉素、庆大霉素、新霉素等抗生素及溶霉素的提取 Applicable to the extraction of antibiotics such as colistin sulfate, streptomycin, gentamicin, neomycin and lysomycin
PC568	适用于链霉素、土霉素等多种抗生素提纯 Suitable for purifying various antibiotics such as streptomycin and oxytetracycline
BJ7502	抗生素(如头孢菌素等)的纯化,类固醇、酶、多肽等的提取。 Purification of antibiotics (such as cephalosporins, etc.), extraction of steroids, enzymes, peptides, etc
BJ7505	抗生素(如头孢菌素等)的纯化,类固醇提取。 Purification of antibiotics (such as cephalosporins.), steroid extraction.
BJ7510	抗生素、水溶性甾体(类固醇)提取纯化,抗体纯化回收 Extraction and purification of antibiotics, water-soluble steroids (steroids), purification and recovery of antibodies
BJ7507	β-内酰胺类和其他小分子抗生素纯化,类固醇激素提取 Purification of β-lactams and other small molecule antibiotics, steroid hormone extraction
BJ7513	抗生素、水溶性甾体(类固醇)纯化,多肽和酶提取 Antibiotic, water-soluble steroid (steroid) purification, peptide and enzyme extraction
BJ7514	胰岛素、抗生素提取 Insulin, antibiotic extraction
BJ7506	药物精提过程; 抗生素纯化(如β-内酰胺类抗生素、头孢菌素等), 发酵液中吸附抗生素、甾体等物质。

	Drug extraction process; antibiotic purification (such as $\beta$ -lactam antibiotics,
	cephalosporins, etc.), fermentation of antibiotics, carcasses and other substances.
BJ7509	发酵液中吸附抗生素、甾体等物质,抗生素纯化。
	The fermentation broth absorbs vitamins, antibiotics, steroids and other substances,
	and is purified by antibiotics.
BJ7504	抗生素纯化(如β-内酰胺类抗生素、头孢菌素等),类固醇激素提取
	Antibiotic purification (such as β-lactam antibiotics, cephalosporins, etc.), steroid
	hormones

Antibiotic extraction: peptide purification

#### 维生素应用 Vitamin application

PC165 维生素 B12 提取

Vitamin B12 extraction

PCM91 泛酸 (维生素 B5) 提取

PCM82 Pantothenic acid (vitamin B5) extraction

PC998 适用于山梨醇、维生素 C、甘露醇等的提炼精制

Suitable for refining and refining sorbitol, vitamin C, mannitol, etc.

PCM83 维生素 E 纯化

Vitamin E purification

AB103,BJ7512, 维生素 E 回收 BJ7508 Vitamin E recovery

BJ7506 发酵液中回收维生素

BJ7502 Recovering vitamins from fermentation broth

## 氨基酸应用 Amino acid application

PC941,PC901, 用于多种氨基酸的分离和提取

PC921,PCM94, For the separation and extraction of a variety of amino acids

PC998B

PC998 适用于赖氨酸提取精制

Suitable for lysine extraction and purification

BJ7502,BJ7504 氨基酸提取分离

Amino acid extraction and separation

BJ7505,BJ7510 氨基酸回收纯化

,BJ7507 Amino acid recovery and purification

BJ7513

## 蛋白质应用 Protein application

BJ7505 蛋白质回收和纯化

BJ7510,BJ7507 Protein recovery and purification

BJ7513

BJ7506 蛋白质纯化

BJ7509 Protein purification

BJ7504,BJ7520

51/2/12/11		
AP181Na	用于高钾血症的治疗	
AP181Ca	For the treatment of hyperkalemia	
AP181H	用于缓释、掩味和剂量稳定的载体,常用作可待因、左美沙芬、那可丁、去甲麻黄碱等药物的缓释载体。	
	It is used as carrier for sustained release, taste masking and dose stabilization. It is	
	often used as a sustained-release carrier for codeine, dextromethorphan, narcotine and norephedrine.	
AP179	可作为活性成分又可作为药物载体。适用于维生素 B12 的稳定剂,和尼古丁等药物的缓释载体。	
	It can be used as an active ingredient and as a pharmaceutical carrier. It is a stabilizer	
	for vitamin B12, and a sustained-release carrier for drugs such as nicotine.	
AP179K	用于高性能崩解剂	
	For high performance disintegrants	
AP268	消胆胺树脂,用于消胆胺降低,掩味,缓释。还可用作胆酸螯合剂	
	Cholestyramine resin for the reduction of cholestyramine, taste masking, and sustained	
	release. Also useful as a bile acid sequestrant	
AP195	可用于胃酸分泌过多的治疗	
	Can be used for the treatment of excessive gastric acid secretion	
PC981BH,	制药用阳离子交换树脂	

酶载体

- Enzyme Carrier

# 脂肪酶 Lipase

PC981H

PC7710H,

PC8710H

PC801

ECR011,ECR012, 适用于脂肪酶负载

ECR013 Suitable for lipase loading

药物应用 Pharmaceutical application

ECR008 适合大多数酶负载,更适合脂肪酶和转氨酶

Suitable for most of the enzymes loading, more suitable for lipase and transaminase

# 糖苷酶 Glycoside

ECR101,ECR102, 带电荷蛋白质可与树脂发生离子作用力,适合糖苷酶负载

Pharmaceutical cation exchange resin

Pharmaceutical anion exchange resin

Pharmaceutical acid adsorbent

制药用阴离子交换树脂

制药用酸吸附剂

ECR103 The charged protein can interact with the ions in resin, suitable for the loading of

#### glycosidase

抗生素酶促合成	Antibiotic enzymatic synthesis
ECR001,ECR002,	适合大多数酶负载,包括水解酶
ECR003	Suitable for most of enzymes loading, including hydrolytic enzymes
ECR003,ECR004,	离子和共价两种作用力,更稳定
ECR005,ECR006,	Acting force of ions and covalency,more stable
ECR007	
ECR009	固载青霉素 G 酰化酶
	For immobilization of penicillin G acylase
ECR010	固定化 GL-7-ACA 酰化酶,可固载分子量较大的酶,如脂肪酶
	For immobilization of GI-7-aca acylase and immobilization of enzymes with higher
	molecular weight, such as lipase

# 层析分离介质

# - Chromatography Separation Media

名 称	骨架 Matrix	简介 Introduction
Name		
Borose-	琼脂糖 Agarose	分离生物大分子,如:病毒、DNA、质体等
Α		For separation of big biological molecules, such as: virus, DNA plasmid, etc.
Borose-	琼脂糖 Agarose	强阴离子交换介质,高适用性、高分辨率、高载量
AQ		Strong base anion exchange media. High applicationable, resolution, loading
		capacity
Borose-	琼脂糖 Agarose	高载量重组组氨酸标记蛋白质的分离和纯化
ANi		For separation and purification of His-Tag protein

## 固相合成载体

## **Solid Phase Synthesis Carrier**

# 多肽药物合成 Polypeptide pharmaceutical synthesis

AM 通过氨基可接入不同多肽

Access to different peptides via amino groups

Merrifield 酸性多肽合成

Acidic peptide synthesis

CTC (1) 更好的反应活性

Better reactivity

MBHA (2) 氨基多肽合成

Amino polypeptide synthesis

Wang 酸性多肽合成

Acidic peptide synthesis

苄醇

Benzyl alcohol

Rink 酸 (3)

Rink acid

Rink 酰胺 (4)

Rink amide

Rink 酰胺-MBHA (5

Rink amide - MBHA

#### 磺酰氯

#### Sulfonyl chloride

糖液精制 Su	ugar liquid refining
SS981	适用于稀糖液软化和糖液蒸发前的脱矿,尤适于甜菜糖和 NRS 软化工艺 Suitable for softening diluted sugar juice, and demineralization before evaporation; especially suitable for beet sugar and NRS softening process
SS991	糖液软化、脱灰和脱矿应用,更适用于浓糖液的 Gryllus 和 Quentin 软化工艺 The sugar liquid softening, deashing and demineralization, much more suitable for the Gryllus and Quentin process of concentrated sugar syrup.
SSM91	应用于多种糖等脱矿、脱灰。适用于浓糖液的 Gryllus 软化工艺,也适于 Quentin 和 NRS 软化 化 Applied in the deashing and demineralization of many sugar. Suitble for Gryllus process and also suitable for Quentin and NRS process.
SSM99	应用于多种糖的脱矿、脱灰及软化过程。通常与 SS841OH 作为混床连用 Applied in the deashing, demineralization and softening of many sugar. Combine with SS841OH as the polishing mixed bed.
SS521	适合浓糖液脱色及去除有机物 Suitable for decolorization and organic matter removal of concentrated sugar juice
SSM83	浓糖液的脱色。常与 SS521 联用 Decolorization of concentrated sugar juice. Combine with SS841OH as usual
SS802	糖液脱矿,脱色,可与 SSM81 连用 Demineralization, decolorization of sugar juice. Combine with SSM81 as usual
SS801	糖液脱矿、脱色、脱灰,味精脱色,蔗糖中高果糖浆和糖的回收 Demineralization, deashing and decolorization of sugar juice. Decolorization of MSG. Recovery of high fructose syrup in cane sugar syrups
SSM81,SSM82	应用于多种糖的脱矿、脱灰及软化过程 Applied in the deashing, demineralization and softening of many sugars.
SSM66	糖液脱矿,脱色,可与 SSM81 连用脱矿 Demineralization, decolorization of sugar juice. Combine with SSM81 as usual
SSM84	糖液脱色,通常放在 SS521 的末端 The decolorization of sugar juice, usually as a refined resin placed after SS521
SS831	糖液脱矿、脱色,可放在 SSM84 末端 The decolorization and demineralization of sugar juice, usually as a refined resin placed after SSM84
SS821	糖液脱矿,有机大分子可逆提取 Sugar liquid demineralization, reversible extraction of organic macromolecules

SS531	稀糖液脱矿,糖液脱色、脱灰、脱酸 Dilute sugar solution demineralization, sugar solution decolorization, deashing, deacidification	
SSA31	作为糖液和甜味剂颜色、口感、气味的最终抛光	
	Final polishing of the color, taste and smell of sugar juice	
SS803,SS511	糖液脱矿	
	Sugar juice demineralization	
SS941	蔗糖分子转化为果糖和葡萄糖	
	Sucrose molecules are converted to fructose and glucose	
SS86 ,SSM912	应用于蔗糖除盐	
	Sucrose demineralization	
SSM811	应用于味精脱色	
	Decolorization of MSG	
AB102	去除糖液中的中高分子量色素	
	Removal of high molecular weight pigment in sugar solution	
AB101	去除糖液中的高分子量色素、染料、杀虫剂等多种有机物	
	Removal of high molecular weight pigments, dyes, pesticides and other organic	
	substances in sugar juice	
色谱分离 chromatographic separation		
CHR	主要应用于甜菜碱纯化, 氨基酸净化, 模拟移动床(SMB)色谱法。	
	Mainly used in betaine purification, amino acid purification, simulation of moving bed (SMB) chromatography.	
CHR-Ca	分馏 42 高果糖玉米糖浆, 甘露糖醇, 山梨糖醇等糖和甜味剂	

Fractionation 42 high fructose corn syrup, mannitol, sorbitol and other sugars and

Used with CHR for chromatographic separation of substances. It can be used in ion exchange column and industrial device. Separate ions and ionizable substances

与 CHR 一起用于色谱法分离物质。 可用于离子交换柱和工业装置。分离离子及可电离物

食品加工工业

-Food Industry

# 常规应用 Conventional application

sweeteners

质

CHA

FB971, 食品加工行业用水制备

FB971B Water treatment for food industrial

FB802	食品加工用水制备
	Water treatment for food industrial
FB841	脱矿和脱灰,耐有机污染,除硅

	Demineralization and deashing, resistance to organic pollution, silicon removal
果汁行业	Juice industry
FB981	除去食品和饮料中的杂质。 适用于醇类除盐工艺及胡萝卜汁净化,果汁脱灰、纯化 Remove impurities from food and beverages. Suitable for alcohol desalination process and carrot juice purification, Deashing and purification of juice
FBA13	果汁纯化,果酸脱色、去苦味 Juice purification. Fruit acid decolorization and debittering.
FB915	果汁中去除无机酸 Removal of inorganic acid from juice
FB802	果汁脱灰、纯化 Deashing and purification of juice
FBM83	果汁脱色  Juice decolorization
FBA31	去除果汁中的棒曲霉素,农药等残留物,脱酸,提高色值,透光率,处理后的果汁色值稳定性好 Remove the patulin, pesticide and other residues in the juice, deacidify, improve the color value, light transmittance, and enhance color value stability
ВМАН	果汁中除重金属离子 Removal heavy metals from Juice
AS600FD	果汁及食品中除砷 Arsenic removal from Juice
BDX01FD	果汁及食品中除硝酸根 Nitrate removal from Juice and food industrial
FB801	胡萝卜汁净化
FB841	Carrot juice purification
FB8011	除去食品和饮料中的杂质。用于椰子汁中糖分提取
FB8012	Remove impurities from food and beverages. Applied for sugar extraction from coconut milk
FBM91	除去食品和饮料中的杂质, 并提高产能。 用于胶质除盐和椰子汁中糖分提取
	Remove impurities from food and beverages. Applied for salt removal from colloid and sugar
	extraction from coconut milk

# 柠檬酸乳酸 Citric&Lactic acid

CL491, CL531,CLM 91,CLM99	柠檬酸和乳酸精制 Citric acid and lactic acid refining
CL915,	发酵液中提取柠檬酸和乳酸
CL 803	Citric acid and lactic acid are extracted from fermentation broth

# 乳制品 Dairy product

FB981H 乳清蛋白脱盐

Whey protein desalination

FB803 乳清脱盐

Whey desalination

FB108 从乳清蛋白中分离乳铁蛋白

Isolation of lactoferrin from whey protein

FB169 乳清蛋白中的蛋白质回收

Protein recovery from whey protein

## 酿酒行业 Brewery product

FB915 酒中硫酸根去除

Sulfate removal from the wine

FB981 白酒除浊,降低高级脂肪酸

FB801 Liquor to remove turbid, lower the higher fatty acid

FBA510, 啤酒发酵液脱色

FBA31 Decolorization of beer fermentation broth

### 金属应用

- Metal Applications

m extraction
酸性浸出液中提取硫酸铀酰络合物。
For extraction of uranyl sulfate complex from acid leaching solution.
从 ISL 的酸性浸出液中提取硫酸铀酰络合物
For extraction of uranyl sulfate complex from ISL acid leaching solution.
对铀酰络合物具有更高的吸附性。 适用于 RIP 工艺
Higher adsorption to uranyl complex. Suitable for RIP process.
ISL 的酸性浸出液中提取硫酸铀酰络合物。 它能从废水和矿液中浓缩和提纯铀矿, 在
核工业中浓缩和提纯钍和钚铀,
For extraction of uranyl sulfate complex from acid leaching solution of ISL.It can
concentrate and purify uranium from waste water and mineral fluids, concentrate and
purify thorium and plutonium-uranium in the nuclear industry.

## 金提取 Gold extraction

PM404 氰化金,盐酸溶液中回收金。

Recovery of gold from gold cyanide, hydrochloric acid solution.

PM601 金矿碱性氰化后的络合物的回收 Recovery of gold complex after alkaline cyanidation.

D301G 金矿碱性氰化后的络合物的回收

Recovery of gold complex after alkaline cyanidation.

PM603 氰化金提取,更好的吸附和解吸性能

Gold cyanide extraction, with better adsorption and desorption properties

PM405,PM405S 硫代硫酸、氰化、氯化金提取

Extraction of gold from thiosulfuric acid, cyanidation, chloride solutions.

BMTN,BMTR 选择性吸附金

Selective adsorption of gold

#### 贵金属提取 Precious metal extraction

PM841S,PM401 碱浸出贵金属回收

Recovery of precious metal from alkali leaching

PM605 重金属去除,尤其是络合态;铂族金属去除

Removal of heavy metals, especially complex states; Platinum group metal removal

BMTN 酸浸出贵金属回收

Recovery of precious metal from acid leaching

BMTX 湿法冶金过程贵金属的分离回收,淋洗水中烤瓷金属回收,有机物中钯催化剂回收

Separation and recovery of precious metals in hydrometallurgical process, ceramic

metal recovery in leaching water, palladium catalyst recovery in organic matter

BMTR 酸浸出贵金属回收

Recovery of precious metal from acid leaching

PM871 阴离子型贵金属提取

Anionic precious metal extraction

#### 钼铼工业 Molybdenum & Rhenium industry

PM602 从钼和铜生产的硫酸溶液中回收铼和钼,硝酸提钼工艺中回收钼。辉钼精矿高压浸出液提取钼

和铼

Recovery of rhenium and molybdenum from sulfuric acid solution which produces molybdenum and copper, recovery of molybdenum from molybdenum nitrate extraction process. Recovery of rhenium and molybdenum from high pressure

leaching liquid of molybdenum concentrate.

PM604 从钼元素中分离铼元素

Separation of rhenium from molybdenum

PM401 钨酸钠转化为钨酸铵

Convert sodium tungstate to ammonium tungstate

PM403 钼提取树脂

Molybdenum extraction resin

PM606 从钼酸盐中去除钨杂质

Removal of tungsten impurities from molybdate.

## 铜及镍钴冶炼 Copper/Nickle/Cobalt extract

BMAH 应用于从矿石、 电镀层、 酸洗浴、废水提取二价过渡金属如铜、 镍、 锌、 镉等。

Extract divalent transition metals such as Cu, Ni, Zn and Cd from ore, electroplating,

acid bath and waste water.

BMAC RIP 过程铜冶炼

Copper extraction in RIP process

BMAL 从料液中去除或回收二价金属

Removal or recovery of divalent metals from feed fluids

BMCC 铜钴镍等金属去除及回收

Removal and recovery of copper, cobalt, nickel and other metals

#### 电镀液处理 Electrolyte treatment

BMFC/MFC01 钴电解液净化,钴镍分离:高铁含量或酸性溶液中回收铜

Cobalt electrolyte purification, separation of cobalt and nickel; Recovery of copper

from high iron content or acid solution

PM401 镍电解液除钴,从镍混合硫酸盐和氯化物中除锌

Removal of cobalt from nickel electrolyte, removal of zinc from mixture of nickel and

sulfate and chloride

PM616 电镀液纯化

Electroplating solution purification

PM607 电镀液铁去除,酸性溶液除铁

Removal of iron from electroplating solution, removal of iron from acidic solution

PM981BH 磷酸、酒石酸中去除 Fe2+、Zn、Al、Cu, 铬酸中去除三价铬和三价铁

Removal of Fe2+, Zn, Al and Cu from phosphoric acid and tartaric acid. Removal of

trivalent chromium, ferric iron

PM841 浓盐酸浴中去除络合阴离子

Removal of complex anions from concentrated hydrochloric acid bath

PM620 镍电镀液除锌

Removal of zinc from nickel electroplating solution.

BJ7507 阴、阳离子和非离子表面活性剂去除,萃余液中去除萃取剂,三价铬钝化液中去除 TOC

Removal of anionic, cationic and non-ionic surfactants, removal of extractant from

raffinate, removal of TOC from trivalent chromium passivation solution

BMAH 管材精处理液中除铜,氯化铵蚀刻液中除铜,锌电镀液除三价铁

Removal of copper from the fine treatment solution of tubular product, removal of

copper from the ammonium chloride etching solution, removal of ferric iron from the

zinc electroplating solution

PM841FM 利用酸阻滞原理除金属加工行业中酸洗废水中的金属

Removal of the metals in the wastewater of pickling in metal processing industry by

the principle of acid retardation

PM608 碱浸贵金属回收,盐酸洗水中除铁,淋洗水脱盐,酸阻滞

Recovery of alkali leaching precious metals, removal of iron from hydrochloric acid

washing water, desalination of leaching water, acid retardation

#### 钒工业 Vanadium industry

PM401,PM403,

提钒树脂

PM402

Resin for extraction vanadium

### 稀土工业 Rare earth industry

PM619 稀土元素中去除钍

Removal of thorium from rare earth elements

PM618 稀土元素中去除铀 Removal of uranium from rare earth elements

PM951,PM981H, 酸性溶液中回收稀土金属

PM961H Recovery of rare earth metals from acidic solutions

#### 淋洗水循环利用 Rinse water recyling

BJ7507 淋洗水中去除表面活性剂、有机溶剂等

Removal of surfactant, organic solvent etc from rinse water

Recycling of rinse water

#### 酸净化 Acid purification

PM608 盐酸中除铁、锌等

Removal of iron and zinc from hydrochloric acid

PM961 铬酸和磷酸纯化

Purification of chromic acid and phosphoric acid

PM601 盐酸纯化

Purification of hydrochloric acid

#### 其他 Others

JK-GA 拜耳母液提镓,镓去除

Extraction of gallium from Bayer mother solution, removal of gallium removal

PM871,PM871OH

从阴离子金属混合溶液中进行有效回收, 例如从电镀液、 浸出液和海水中获得银。

Effective recovery of silver from anionic metal mixture solutions, such as electroplating

solutions, leaches, and seawater.

PMM71,PMM72 比强碱 I 型交换树脂更耐有机污染

It is more resistant to organic pollution than ion exchange resin of strong base type I.

化学工业

-Chemical Industry

#### 生物柴油 Biodiesel

BC800 除去生物柴油中的甘油、皂类物质和盐分

Remove glycerol, soap and salt

BD80-M,BD90-M 从生物柴油中移除催化剂、 甘油和皂类物质和盐分。

Remove glycerol, catalysts, soap and salt

BCH-B1 在生物柴油酯交换反应前从甘油三酯中去除游离脂肪酸

Removal of free fatty acids and unsaturated fatty acids from triglycerides before

transesterification of biodiesel

#### 氯碱工业 Chlor-alkali industry

BMAH 离子膜烧碱二次盐水去除钙、镁、锶、钡

Removal of calcium, magnesium, strontium, barium from secondary brine feed to

chloralkali membrane cells

BMCC 离子膜烧碱二次盐水去除钙、镁、锶、钡

Removal of calcium, magnesium, strontium, barium from secondary brine feed to

chloralkali membrane cells

BMTN,BMTX, 离子膜液碱二次盐水除汞

BMTR,BMAM Removal of mercury from secondary brine feed to chloralkali membrane cells

此外,博杰可提供多种可提高化工产品或中间体质量的树脂供选择,例如:**1,4-**丁二醇纯化,双氧水精制,乙二醇纯化,己内酰胺纯化,苯酚提纯,甘油纯化,氯硅烷纯化,化学品中除碘等等

Bojie can provide a variety of resins to improve the quality of chemical products or intermediates, such as :1,4-butanediol purification, hydrogen peroxide purification, ethylene glycol purification, caprolactam purification, phenol purification, glycerine transmission, chlorosilane purification, iodine removal in chemicals and so on

工业催化

Catalysis Industry

and the second second	
双酚A	<b>BPA</b>
$\mathbf{X}\mathbf{V}$	

BC1182,BC114HB 双酚-A 合成

BC118 Bisphenol-A synthesis

**MTBE、TAME** 

BCH-1 适用于苯酚烷基化、MTBE 和 TAME 的催化合成

Suitable for catalytic synthesis of phenol alkylation, MTBE and TAME

BCH-1 DRY 适用于 MTBE 和 TAME 的催化合成和多种催化过程

Catalytic synthesis and multiple catalytic processes for MTBE and TAME

BCH-11 适用于 MTBE 和 TAME 的催化合成

Suitable for catalytic synthesis of MTBE and TAME

BCH-11(dry)	适用于 MTBE 和 TAME 的催化合成
	Suitable for catalytic synthesis of MTBE and TAME
BCH-72	适用于 MTBE 和 TAME 的催化合成
	Suitable for catalytic synthesis of MTBE and TAME
BCH-72D	MTBE 和 TAME 的催化合成,C4 二聚过程
	Catalytic synthesis of MTBE and TAME, C4 dimerization process
BCH-70	适用于 MTBE 和 TAME 的催化合成
	Suitable for catalytic synthesis of MTBE and TAME
BCH-70D	适用于 MTBE 和 TAME 的催化合成和多种催化过程
	Catalytic synthesis and multiple catalytic processes for MTBE and TAME
酯化、烯烃水色	È Esterification and olefin hydration
BCH-12	在烯烃水合(MEK、 丙烯丁烯)、 酯化和芳烃烷基化中作催化剂
	Used as a catalyst in olefin hydration (MEK, propylene butene), esterification and aromatic alkylation
BCH-84	在烯烃水合(MEK、 丙烯丁烯)、 酯化和芳烃烷基化中作高温催化剂
	High temperature catalyst for olefin hydration (MEK, propylene butene), esterification and aromatic alkylation
瞇化、烷基化	Etherification and aromatic hydrocarbon alkylation

BCH-66	醚化反应.	芳香烃烷基化的催化合成	

Etherification reaction, catalytic synthesis of aromatic hydrocarbon alkylation

BCH-61 醚化反应,芳香烃烷基化的催化合成

Etherification reaction, catalytic synthesis of aromatic hydrocarbon alkylation

BCH-61D 醚化反应,芳香烃烷基化的催化合成,其他催化反应

Etherification reaction, catalytic synthesis of aromatic hydrocarbon alkylation, other

catalytic reactions

BCH-65 醚化反应,芳香烃烷基化,苯酚烷基化的催化合成

Etherification reaction, alkylation of aromatic

hydrocarbons, catalytic synthesis of phenol alkylation

## 其他催化 Other catalytic reaction

BCH-A3,BCH-A6, 化工反应中的酸去除,催化

BCH-A10 Acid removal in chemical reactions, catalysis

BCH-A4 化工反应中的酸去除,催化

Acid removal in chemical reactions, catalysis

BCH-A1 催化羟醛缩合、羰基化反应

Catalytic aldol condensation and carbonylation

BCH973 用于合成化学工业作催化剂,如聚合反应、环氧化和过氧化反应等,尤其适用于不饱

和高级脂肪酸脂和大豆油的催化。双酚-A 等合成催化树脂, 也可用于酯化反应和酯类

水解。

Used in synthetic chemical industries as catalysts, such as polymerization, epoxidation and peroxidation, especially for Catalysis of saturated higher fatty acid fats and soybean oil. A synthetic catalytic resin such as bisphenol-A can also be used for

# 天然产物提取

# Natural Products Extraction and Separation

广谱性树脂 Bi	road-application resin
BJ7503	黄酮、甜菊苷、绿原酸、生物碱、皂甙、大环内酯、多酚等多种天然产物有效成分的分离纯化
	Separation and purification of active ingredients from various natural products
	such as flavonoids, stevioside, chlorogenic acid, alkaloids, saponins, macrolides and polyphenols
BJ7507	多种天然产物提取分离
	Extraction and separation of various natural products
BJ7509	黄酮、甜菊苷、绿原酸、生物碱、皂甙、大环内酯、多酚等多种天然产物有效成分的分离纯化;
	Separation and purification of active ingredients of various natural products such
	as flavonoids, stevioside, chlorogenic acid, alkaloids, saponins, macrolides and
D 17544 D 17540	polyphenols.
BJ7511,BJ7516, BJ7519,BJ7520	多种天然产物提取分离 Extraction and separation of various natural products
甜菊糖提取与分	分离 Stevia extraction and separation
BJS851,BJS843	甜菊糖苷的富集纯化
	Enrichment and purification of stevioside
BJS851,BJS843 BJS838	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物
	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step
BJS838	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step adsorption and decolorization procedure.
	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step adsorption and decolorization procedure. 高纯度、高吸附量甜菊糖提取
BJS838 BJS801,BJS821	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step adsorption and decolorization procedure. 高纯度、高吸附量甜菊糖提取 High purity, high adsorption amount of stevioside extraction
BJS838  BJS801,BJS821  BJS312,BJS358,	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step adsorption and decolorization procedure. 高纯度、高吸附量甜菊糖提取 High purity, high adsorption amount of stevioside extraction 甜菊糖浓缩液脱色
BJS838  BJS801,BJS821  BJS312,BJS358, BJS915,BJS368	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step adsorption and decolorization procedure. 高纯度、高吸附量甜菊糖提取 High purity, high adsorption amount of stevioside extraction 甜菊糖浓缩液脱色 Stevioside concentrate bleaching
BJS838  BJS801,BJS821  BJS312,BJS358, BJS915,BJS368	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step adsorption and decolorization procedure. 高纯度、高吸附量甜菊糖提取 High purity, high adsorption amount of stevioside extraction 甜菊糖浓缩液脱色
BJS838  BJS801,BJS821  BJS312,BJS358, BJS915,BJS368	Enrichment and purification of stevioside  吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step adsorption and decolorization procedure.  高纯度、高吸附量甜菊糖提取 High purity, high adsorption amount of stevioside extraction 甜菊糖浓缩液脱色 Stevioside concentrate bleaching  Flavonoids extraction 姜黄素和异黄酮提取
BJS838  BJS801,BJS821  BJS312,BJS358, BJS915,BJS368  植物黄酮提取	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step adsorption and decolorization procedure. 高纯度、高吸附量甜菊糖提取 High purity, high adsorption amount of stevioside extraction 甜菊糖浓缩液脱色 Stevioside concentrate bleaching  Flavonoids extraction
BJS838  BJS801,BJS821  BJS312,BJS358, BJS915,BJS368  植物黄酮提取	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step adsorption and decolorization procedure. 高纯度、高吸附量甜菊糖提取 High purity, high adsorption amount of stevioside extraction 甜菊糖浓缩液脱色 Stevioside concentrate bleaching  Flavonoids extraction 姜黄素和异黄酮提取 Curcumin and isoflavone extraction 选择性吸附树脂,对黄酮类物质具有很强的吸附选择性。银杏黄酮专用树脂。
BJS838  BJS801,BJS821  BJS312,BJS358, BJS915,BJS368  植物黄酮提取 BJ7510	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step adsorption and decolorization procedure. 高纯度、高吸附量甜菊糖提取 High purity, high adsorption amount of stevioside extraction 甜菊糖浓缩液脱色 Stevioside concentrate bleaching  Flavonoids extraction 姜黄素和异黄酮提取 Curcumin and isoflavone extraction 选择性吸附树脂,对黄酮类物质具有很强的吸附选择性。银杏黄酮专用树脂。 Selective adsorption resin has strong adsorption selectivity for flavonoids. Ginkgo
BJS838  BJS801,BJS821  BJS312,BJS358, BJS915,BJS368  植物黄酮提取 BJ7510	Enrichment and purification of stevioside 吸附脱色一步使用,可得到甜菊糖苷的白色或浅色提取物 A white or light-colored extract of stevioside can be obtained by one-step adsorption and decolorization procedure. 高纯度、高吸附量甜菊糖提取 High purity, high adsorption amount of stevioside extraction 甜菊糖浓缩液脱色 Stevioside concentrate bleaching  Flavonoids extraction 姜黄素和异黄酮提取 Curcumin and isoflavone extraction 选择性吸附树脂,对黄酮类物质具有很强的吸附选择性。银杏黄酮专用树脂。

High content of light color extract for flavonoids such as soy isoflavones

皂甙提取 Saponins extraction		
BJ7508	适用于植物中皂甙的提取 Suitable for extraction of saponins from plants	
BJ7518	强极性吸附树脂,对人参皂甙、绞股兰皂甙、芍药甙有较强的纯化和脱色效果 Strong polar adsorption resin, which has strong purification and decolorization effect on ginsenoside, gynosaponin and paeoniflorin	

# 多酚提取 Polyphenols extraction

D 17505 D 17506	果蔬中多酚提取
BJ7505,BJ7506,	未坑中多切徒以
BJ7508,BJ7510,	Extraction of polyphenols from fruits and vegetables
BJ7514	
BJ7517	与多酚类形成氢键,具有更高的吸附选择性。
	It forms hydrogen bonds with polyphenols and has higher adsorption selectivity.

## 花青素提取 Anthocyanins extract

BJ7504, BJ7505	葡萄汁中提纯花青素 (无二氧化硫工艺)
	Purification of anthocyanins in grape juice (sulfur dioxide free process)
BJ7514	果蔬中花青素提取
	Anthocyanin extraction in fruits and vegetables

水处理

**Water Treatment** 

软化 Softening	g
SF984	专门用于除铁。 它具有优良的物理和化学属性
	Specially used for iron removal. Excellent physical and chemical properties.
SF985	琥珀色粗粒级钠型阳离子交换树脂, 高流速系统用水软化树脂
	Amber coarse-grained sodium cation resin, high flow rate system softening
SF991	琥珀色钠型高交联度抗氧化性水软化树脂。
	Amber sodium High cross-linked antioxidant water softening resin
SFM91	大孔钠型高交联度高抗氧化性水软化树脂,高温、高 TDS 水软化
	High tensile water softening resin with high cross-crosslinking degree of large hole
	sodium type, high temperature, higher TDS water softening
BC86, BC86FD	高 TDS 水软化,有机水溶液处理和选择性分离重金属阳离子。
	High TDS water softening, organic aqueous solution treatment and selective
	separation of heavy metal cations.
BC120B	工业领域中所有的水软化过程和纯水及超纯水制备

Water softening, pure and ultrapure purity preparation in many industrys.  安用水软化、食品、饮料及药物加工过程水软化 Drinking water softening, food, beverage and pharmaceutical processing process water softening.  BC87FD 食品级树脂。滤芯专用,饮用水及高 TDS 水软化,脱碱,除重金属 Food grading resin. Filter, drinking and high TDS water softening, desalination, heavy metal removal  DK650 高 TDS 水软化,脱碱 High TDS water softening, dealkalization  DK640F 滤芯专用,饮用水及高 TDS 水软化,脱碱 Filter, drinking water and high TDS water softening, dealkalization  DK771 高交换容量脱碱树脂。 High exchange capacity dealkalization resin  DK772 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床 Dealkalization-Uniform particle size anionic resins for filling and mixing beds  DK842 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床。 Dealkalization -Uniform particle size anionic resins are suitable for filling and mixing beds.  DK872 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床。 Dealkalization -Uniform particle size anionic resins for filling and mixing beds  DK873 快速交换脱碱树脂 Rapid exchange of dealkalization resins  DK874 高流速系统用脱碱树脂 Dealkalization resins for high flow rate systems		
Drinking water softening. food, beverage and pharmaceutical processing process water softening.  BC87FD 食品级树脂。滤芯专用,饮用水及高 TDS 水软化,脱碱,除重金属 Food grading resin. Filter, drinking and high TDS water softening, desalination, heavy metal removal  DK650 高 TDS 水软化,脱碱 High TDS water softening, dealkalization  DK640F 滤芯专用,饮用水及高 TDS 水软化,脱碱 Filter, drinking water and high TDS water softening, dealkalization  DK771 高交换容量脱碱树脂。 High exchange capacity dealkalization resin  DK772 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床 Dealkalization-Uniform particle size anionic resins for filling and mixing beds  DK842 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床。 Dealkalization -Uniform particle size anionic resins are suitable for filling and mixing beds.  DK872 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床。 Dealkalization -Uniform particle size anionic resins for filling and mixing beds  DK873 快速交换脱碱树脂 Rapid exchange of dealkalization resins  DK874 高流速系统用脱碱树脂	DOLOGED	
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BC87FD 食品级树脂。滤芯专用,饮用水及高 TDS 水软化,脱碱,除重金属 Food grading resin. Filter, drinking and high TDS water softening, desalination, heavy metal removal  DK650 高 TDS 水软化,脱碱 High TDS water softening, dealkalization  DK640F 滤芯专用,饮用水及高 TDS 水软化,脱碱 Filter, drinking water and high TDS water softening, dealkalization  DK771 高交换容量脱碱树脂。 High exchange capacity dealkalization resin  DK772 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床 Dealkalization-Uniform particle size anionic resins for filling and mixing beds  DK842 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床。 Dealkalization -Uniform particle size anionic resins are suitable for filling and mixing beds.  DK872 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床。 Dealkalization -Uniform particle size anionic resins for filling and mixing beds  DK873 快速交换脱碱树脂 Rapid exchange of dealkalization resins  DK874 高流速系统用脱碱树脂		
Food grading resin. Filter, drinking and high TDS water softening, desalination, heavy metal removal    Diction	BC87FD	
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DK640F 滤芯专用,饮用水及高 TDS 水软化,脱碱 Filter, drinking water and high TDS water softening, dealkalization 高交换容量脱碱树脂。 High exchange capacity dealkalization resin DK772 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床 Dealkalization-Uniform particle size anionic resins for filling and mixing beds DK842 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床。 Dealkalization -Uniform particle size anionic resins are suitable for filling and mixing beds. DK872 脱碱作用—均匀粒度大小阴离子树脂适用于填充床和混合床。 Dealkalization -Uniform particle size anionic resins for filling and mixing beds DK873 快速交换脱碱树脂 Rapid exchange of dealkalization resins    DK874 高流速系统用脱碱树脂	DK650	高 TDS 水软化,脱碱
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	DK874	,
J J		Dealkalization resins for high flow rate systems
脱矿 Demineralization	照在 Dominors	Nization
	成功 Deminera	
BC121FD,BC121U 食品级树脂,用于水脱矿过程、消电离。主要应用领域为食品、制药工业的纯水及		食品级树脂,用于水脱矿过程、消电离。主要应用领域为食品、制药工业的纯水及
BC121BH,BC121H 超纯水制备。	•	
BC121HMB Food grading resin. Used in demineralization, ionization process. Main application	BC121HMB	
field is pure&ultrapure water in food and pharmaceutical industry.		, , , , , , , , , , , , , , , , , , , ,
BC122,BC122B, 优异的物理稳定性和抗氧化性能,可以应用于所有的水软化和纯水制备过程。		
BC122U Excellent physical stability and antioxidant properties can be applied to all water	BC122U	
softening and purity preparation processes.	DD004 DD00411	
BD001,BD001H, 主要应用于生产纯水、 超纯水和冷凝抛光,也可以用于废水处理和重金属回收。 BD001TR Mainly used in the production of pure water, ultra-pure water and condensation		
BD001TR Mainly used in the production of pure water, ultra-pure water and condensation polishing, can also be used for wastewater treatment and heavy metal recovery.	DDUUTIK	
BC86,BC86FD 高 TDS 水脱矿,选择性分离重金属阳离子。	BC86 BC86FD	
Food grading resin. High TDS water demineralization, selective separation of	5000,50001 5	
heavy metal cations.		
BA222,BA222OH, 脱矿,耐有机污染	BA222,BA222OH.	·
BA400, Demineralization, organic pollution resistance		

BA400U,BA700,

BD202	
BD201,BD201OH	主要应用于制备纯水、 超纯水和冷凝抛光。 也可以应用于废水处理 和许多化学处理程序。
	Mainly used in the preparation of pure water, ultra-pure water and condensation
	polishing. It can also be used in wastewater treatment and many chemical
	treatment procedures.
BA242	脱矿,除酸,去除碱度
	Demineralization, removing acids, removing alkalinity
BD301,BD301U	脱矿,再生效率高,再生剂用量少。
	Demineralization. High regeneration efficiency, low regenerant consume.
	Uniform particle size.
BA765	高有机物含量水体及非水溶液脱矿
	Demineralization in high organic content aqueous solution and non-aqueous
	solution.
BA767	高有机物含量水体脱矿
	Demineralization in high organic content aqueous solution
BD211	主要应用于制备纯水、 超纯水和冷凝抛光。 也可以应用于废水处理、 金属回收和 许多化学处理程序。
	Mainly used in the preparation of pure water, ultra-pure water and condensation
	polishing. It can also be used in wastewater treatment, metal recovery and many
	chemical treatment procedures.
BA770	脱矿,有机物去除
	Demineralization, organic matter removal
BA790	脱矿, 有机物去除, 酸去除
	Demineralization, organic matter removal, acid removal
海岸树形 Miv	ad had racin

#### 混床树脂 Mixed bed resin

EDM110 常规 EDM 树脂

Amber color low cost mixed bed resin for EDM

EDM87,EDM82 高交换容量 EDM 树脂

High exchange capacity mixed bed resin for EDM

EDM115 高交换容量 EDM 树脂

High exchange capacity mixed bed resin for EDM

MB101,MB102 一般工业纯水制备

Common industry pure water production

MB151,MB152 抛光树脂

Polishing resin

MB181,MB182 纯水、超纯水制备

Pure and ultrapure water production

NMB01,NMB02 核级混床

Nuclear grade MB

## 超纯水 Ultrapure water

UPW981H, 超纯水系统专用阳离子树脂。

UPW982H	Cation exchange resin for ultrapure water system
UPW991H,	高交换容量、高再生率、低钠氢型超纯水专用树脂。
UPW992H	Mixed bed resin for ultrapure water system.
UPW8410H,	低 CI-残留,超低 TOC 超纯水专用树脂
UPW842OH	Low Cl-residue, ultra-low TOC ultra-pure water special resin
UPW8710H,	低 CI-残留,超低 TOC 超纯水专用均粒树脂。
UPW872OH	Low Cl-residue, ultra-low TOC ultra-pure water special resin
UPWM87,	超低 TOC,高交换容量超纯水专用二次抛光混床树脂
UPWM87U	Highest capacity lowest TOC mixed bed intended for final polishing insecondary
	loops.
UPWM84,	超低 TOC 超纯水专用初次抛光混床树脂,可再生
UPWM84U	High capacity low TOC mixed bed intended for use in primary loops that are
	frequently regenerated.
S-TR	三层床中使用的惰性树脂
	Inert resin media intened for tri-bed systems as a buffer between cation and anion
	resin Layers during regeneration
水族系列 Aqua	rium industry
AT121H	用于水族工业中去除阳离子、氨氮等,为指示剂变色树脂。
	Application in aquarium industry to remove typical cation and amonia. Indicator
	resin.
AT511	用于水族工业中去除阴离子、硅等,为指示剂变色树脂。
	Application in aquarium industry to remove typical anion and silica. Indicator resin.
AT700OH	用于水族工业中去除阴离子、硅等,为指示剂变色树脂
	Application in aquarium industry to remove typical anion and silica. Indicator resin.

High capacity mixed bed with blue indicator dye, changes from blue green to

能源行业

**Energy industry** 

# 热电和凝结水精处理 Condensate polishing resin

CP981H,CP982H 蒸汽涡轮机产生的凝结水处理。

变色混床树脂

yellowas resin exhausts

ATM87

Condensate treatment from steam turbines

CP991H,CP992H 蒸汽涡轮机产生的凝结水处理。

Condensate treatment from steam turbines

CPM91H,CPM92H 蒸汽涡轮机产生的凝结水处理。

Condensate treatment from steam turbine

PWD971,PWD981 用做凝结水精处理预涂层。

Use a condensate to treat the precoat

CP841OH, 蒸汽涡轮机产生的凝结水处理。

CP842OH Condensate treatment from steam turbines

CP871OH, 凝结水精处理树脂

CP872OH Condensate polishing resin CPM81OH, 蒸汽涡轮机产生的凝结水处理。

CPM82OH Condensate treatment from steam turbines

PWD841.PWD871 用做凝结水精处理预涂层。

Use a condensate to treat the precoat.

CP862OH 凝结水精处理树脂

Condensate polishing resin

CP1000 凝结水精处理树脂

Condensate polishing resin

CPM88,CPM88OH 凝结水精处理树脂

Condensate polishing resin

CPM91A 凝结水精处理树脂

Condensate polishing resin

CP916 凝结水抛光

Condensate polishing

ND600 凝结水除油

Condensate to remove oil

### 核电 Nuclear power industry

NP981BH 核动力工业中循环水的初次精处理。

NP982BH Primary fine treatment of circulating water in the nuclear power industry

NP991BH 核动力工业中循环水的初次精处理。

NP992BH Primary fine treatment of circulating water in the nuclear power industry

NPM91H,NPM92H 核动力工业中循环水的初次精处理。

Primary fine treatment of circulating water in the nuclear power industry

NR981,NR981B,

除天然放射性物质, 是高交换容量除镭树脂。

NRM91,NR871,

High capacity resin for natural radioactive elements removal, such as Radium.

NR873

NR-RA 选择性除镭

Selective radium removal

NP841OH 核动力工业中循环水的初次或二次精处理。

NP842OH Primary or secondary finishing of circulating water in the nuclear power industry.

NP871OH 蒸汽发生器排污净化,主冷却剂 CVCS 脱硼,核废料净化,混床阴

Steam generator sewage purification, main coolant CVCS deboron, nuclear waste

purification, mixed bed anion

MPM81OH 低 CI 残留, 低 TOC 含量树脂。 NPM82OH Low CI residue, low TOC content

NP771DO	除水中溶解氧				
	Dissolved oxygen removal in water				
NP881	蒸汽发生器排污净化,主冷却剂 CVCS 脱硼,混床应用				
	Steam generator sewage purification, main coolant CVCS deboron, mixed bed				
	application				
NPM85	胶体去除, 主冷却剂抛光, 放射性废料处理				
	Colloid removal, primary coolant polishing, radioactive waste treatment				
NP916	二回路抛光				
	Secondary circuit polishing				
NPM87	蒸汽发生器排污净化,主冷却剂 CVCS 脱硼,放射性废料处理,混床阴				
	Steam generator sewage purification, main coolant CVCS deboron, radioactive				
	waste treatment, mixed bed anion				
NPM91H	除天然放射性物质				
	Removal of natural radioactive materials				
NPM99H	除天然放射性物质,选择性除钴、铯				
	Removal of natural radioactive materials, selective removal of cobalt, cesium				
NP618	二回路抛光,废燃料池脱矿				
	Second loop polishing, degassing of spent fuel pool				
NP624	放射性回路净化				
	Radioactive circuit purification				
NP871	蒸汽发生器排污净化,主冷却剂 CVCS 脱硼,核废料净化,混床阴				
	Steam generator sewage purification, main coolant CVCS deboron, nuclear waste				
	purification, mixed bed anion				

# 饮用水和地表水处理

# **- Drinking Water and Undergroundwater Treatment**

氨氮去除 Amn	nonia nitrogen removal
PW981H	氨氮废水处理,吸附率高,运行方便
	Suitable for ammonia nitrogen wastewater treatment, with high adsorption rate and convenient operation
PW650	氨氮去除,H 型和 Na 型都适用 Suitable for ammonia nitrogen removal, H+ and Na+ form are applicable

## 硝酸根去除 Nitrate removal

BDX01FD 适用于硝酸根的去除, 即使在中度到高度不等的硫酸盐存在的情况下

Suitable for removal of nitrate, even in the presence of moderate to high content of

sulfates

PW771,PW871 饮用水供应中选择性去除硝酸根

For nitrate removal from the potable water

#### 砷去除 Arsenic removal

AS600 除砷

Arsenic removal

PW871,PW771 低硫酸根除砷

Arsenic removal from low sulfuric acid solution

#### 无机磷去除 Inorganic phosphorus removal

JK-P 除无机磷

Inorganic phosphorus removal

AS600 除磷

Phosphorus removal

## 重金属去除 Heavy metal removal

BMAH 水中重金属去除

For removal of heavy metals in water

PW981H 用于电镀液、 浸出液和海水中的贵金属回收,去除微量含量和浓缩贵金属。

Used for recovery of precious metals in electroplating solution, leaching solution and

sea water, removing trace content and concentrating precious metals.

PW981,PW981B 饮用水供应中除镭

Radium removal from drinking water supply

PWM91 饮用水处理树脂,应用于除镭和重金属。

Potable water treatment resin, used to remove radium and heavy metals.

PW-RA 选择性除钡和镭

Selective removal of barium and radium

PW873 除天然铀专用树脂,脱盐,除硅

Special resin for removal of natural uranium, desalination, removal of silicon

PW871 六价铬去除, 铀去除。均粒树脂。

Hexavalent chromium removal, uranium removal. Uniform particle resin.

## 多氟烷烃去除 Polyfluoroalkanes removal

PW435,PW735 除全氟烷烃和多氟烷烃

Removal of perfluoroalkanes and polyfluoroalkanes

#### 溴离子去除 Bromine ion removal

JK-Br,JK-BE 除溴离子

Removal of bromine ion

## 高氯酸根去除 Perchlorate removal

PWM31,BAX01 除高氯酸根和高锝酸根

Removal of perchlorate and pertechnetate

PW331 除高氯酸根和高锝酸根,疏水性阴离子

Removal of perchlorate and pertechnetate, hydrophobic anions

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JK-F,JK-FT

氟去除

Removal of fluoride

#### 有机物去除 Organic matters removal

OTM83/OT821 除天然有机物树脂, 尽可能少得增加氯和低胺浸出。

Resin for removal of natural organic matters, as little as possible leaching of chlorine

and low amine

OTM85 去除胶质

Removal of colloids

OTM81 具有极佳物理和化学性能的高孔隙度除天然有机物树脂。

Resin with high porosity and excellent physical and chemical properties for removal of

natural organic matters

OTM82/OTM84 具有最好物理和化学稳定性的大孔径除天然有机物树脂

Macroporous resin for removal of natural organic matters with best physical and

chemical stability

OT511 用于纯水和超纯水的制备。 它尤其适用于高浓度有机物液体。除硅效率高

For the preparation of pure water and ultra-pure water. It is particularly suitable for high

concentrations of organic liquids. High efficiency of silicon removal.

OT431/BA764 确保了从供水中有效去除有机物质的能力以及再生过程中的可逆性去除。 纯弱碱功能

保证了高交换容量和高再生效率。

It ensures effective removal of organic matters from the water supply and reversible removal during regeneration. The function of pure weak base guarantees high

exchange capacity and high regeneration efficiency.

OT521 供水中很好地去除有机物质以及再生过程以防有机污染的可逆性去除。

Effective removal of organic substances from the water supply and reversible removal

in the regeneration process to prevent organic contamination.

OT551 有机物去除(尤其是地表水),脱盐。

Organic matters removal(especially surface water)

OT811 有机物去除

Removal of organic matters

#### 其他 Others

ND100 地表水和地下水中去除总氮、总磷、有机物等污染因子

Removal of total nitrogen, phosphorus, organic matters and other pollution factors

from surface water and groundwater

ND1000 杀菌

Sterilization

BD501FD 除饮用水中硼酸根

Removal of borate in drinking water

根据客户特殊需求进行新产品的研制开发。



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