Linhai Resin
since 1972

JIANGSU LINHAI RESIN SCIENCE AND TECHNOLOGY CO., LTD.

ION EXCHANGE RESIN

CATION EXCHANGE RESINS

Macroporous CATION REINS

SPECIAL EXCHANGE RESINS

MIXED BED RESINS

ANION EXCHANGE RESINS

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COMPANY PROFILE

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Jiangsu Linhai Resin Science And Technology Co., Ltd. was founded in 1972 and is a director unit of the Ion Exchange Resin Industry Association of China. It covers an area of 75,000 square meters and has an annual production capacity of 25,000 cubic meters. The company has successively obtained the EU REACH certification, the approval documents for drinking water and food hygiene in Jiangsu Province, and the famous brand products in Jiangsu Province.

The company produces more than 100 varieties of food-grade ion exchange resins, electronic-grade ion exchange resins, macroporous adsorption resins, and special adsorption resins, which are widely used in industries such as power, petroleum, chemical industry, medicine, metallurgy, sugar refining, and environmental protection. For example, in industrial and wastewater treatment, boiler make-up water, semiconductors, residential water softening, CNC centerline cutting, portable ion exchange deionization, metal removal, product purification, food processing, petrochemical treatment, pollution control, gold extraction, uranium extraction, pharmaceuticals, etc.

The products are exported to more than 50 countries, including Europe, Russia, South Korea, Indonesia, Turkey, etc.

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CATION EXCHANGE RESINS

LINHAI	Type	Ionic Form	Moisture %	Volume Capacity mmol/ml	Shipping Weight g/ml	Particle Size %	Comments
LH-004	Strong Acid Poly-styrene	Na+	56-63	⩾1.6	0.73-0.84	0.315-1.25mm ⩾95	
LH-007 (001X7)	Strong Acid Poly-styrene	Na+	40-50	⩾1.9	0.77-0.87	0.315-1.25mm ⩾95	
LH-007FC (001X7FC)	Strong Acid Poly-styrene	Na+	40-50	⩾1.9	0.77-0.87	0.45-1.25mm ⩾95	Gel type, widely used in water conditioning, incldluing water softening and deionization, available in amber and black color(BK), H form and Na form.
LH-007MB (001X7MB)	Strong Acid Poly-styrene	Na+	40-50	⩾1.8	0.77-0.87	0.71-1.25mm⩾95	Used also in monosodium glutamate, amino acids and antibiotics.
LH-007 FD	-	Na+	40-50	⩾1.9	0.77-0.87	0.315-1.25mm ⩾95	Suitable for desalination and decolorization in the food fermentation industry, such as glucose, starch sugar, beer, amino acids, citric acid, etc.
LH-008	Strong Acid	Na+	43-48	⩾2.0	0.77-0.87	0.315-1.25mm ⩾95	
LH-008FD	-	Na+	43-48	⩾2.0	0.77-0.87	0.315-1.25mm ⩾95	Suitable for desalination and decolorization in the food fermentation industry, such as glucose, starch sugar, beer, amino acids, citric acid, etc.
LH-008H	Strong Acid Poly-styrene	H+	45-51	⩾1.8	0.78-0.84	0.4-1.20mm ⩾95	
LH-010	Strong Acid Poly-styrene	Na+	43-48	⩾2.2	0.82-0.92	0.315-1.25mm ⩾95	Hard water softening,pure water manufacturing,Antibiotic extraction and drug purification,etc.
LH-012	Strong Acid Poly-styrene	Na+	34-43	⩾2.2	0.85-0.95	0.315-1.25mm ⩾95	Hard water softening,pure water manufacturing,Antibiotic extraction and drug purification,etc.
LH-014	Strong Acid	Na+	30-42	⩾2.3	0.85-0.95	0.315-1.25mm ⩾95	Mainly used in the pharmaceutical industry,

Macroporous CATION REINS

LINHAI	Type	Ionic Form	Moisture %	Volume Capacity mmol/ml	Shipping Weight g/ml	Particle Size %	Comments
LH-001	Strong Acid Poly-styrene	Na+	45-55	⩾1.8	0.75-0.85	0.45-1.25mm ⩾95	
LH-001H	Strong Acid Poly-styrene	H+	50-60	⩾1.7	0.76-0.83	0.315-1.25mm ⩾95	Macroporous type with excellent resistance to oxidation, attrition and osmotic shock, available in Na form and H form.
LH-113	Weak Acid Poly-acrylic	H+	45-52	⩾4.3	0.72-0.80	0.315-1.25mm ⩾95	
LH-113SC	Weak Acid Poly-acrylic	H+	45-52	⩾4.3	0.72-0.80	0.315-0.63mm ⩾95	Macroporous type. High Capacity. Removal of temporary hardness and alkalinity waste water treatment, recovery of noble metals,available in H form and Na form.
LH-113NA	Weak Acid Poly-acrylic	Na+	50-65	⩾2.5	0.72-0.80	0.315-1.25mm ⩾95	
LH-113FDH	Weak Acid Poly-acrylic	H+	50-60	⩾4.0	0.70-0.78	0.315-1.25mm ⩾95	
LH-113FDK	Weak Acid Poly-acrylic	K+/H+	50-60	⩾3.5	0.70-0.78	0.315-1.25mm ⩾95	Macroporous type, food grade, available in H form and K form, well used in potable water.

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SPECIAL EXCHANGE RESINS

LINHAI	Type	Ionic Form	Moisture %	Volume Capacity mmol/ml	Shipping Weight g/ml	Particle Size %	Comments
LH-006D	Strong Acid	H+	3-5	⩾1.8	0.78-0.88	0.40-1.25mm ⩾95	Gel Type, dry resin. It is well suited for polymerization, epoxidation and peroxidation as catalyst.
LH-006	Strong Acid	H+	50-60	⩾1.8	0.75-0.84	0.40-1.25mm ⩾95	Macroporous Type. As catalysts in synthetic industry(MTBE).
BO020	Strong Base	Cl-	50-60	-	0.65-0.73	0.8-1.60mm ⩾95	Adsorption enrichment and purification of uranium in uranium mines or uranium mine wastewater.
D301G	Weak Base	Cl-	48-58	⩾1.25	0.63-0.72	0.8-160mm ⩾95	Adsorb and recover Gold and Silver from cyanide plating waste water and Gold cyanide slurry.Shipping form can be Cl-.
LH-330	Weak Base Anion	Cl-	60-70	-	0.65-0.80	0.315-1.25mm ⩾95	Mainly used for removing Cl - and SO2 plasma in water treatment, removing inorganic acids in refining citric acid, streptomycin, malic acid,amino acids, etc., extracting organic acids, and having strong decolorization ability for pigments.
LH-122	-	-	60-80	-	-	0.315-1.25mm ⩾95	Used for decolorization of antibiotics such as tetracycline, streptomycin, and tetracycline, decolorization and purification of amino acids and sugars, as well as recovery and extraction of B12 protease.
LH-107	-	-	45-55	-	-	0.315-1.25mm ⩾95	Deep phosphorus removal from domestic sewage, aquaculture, pesticide wastewater, fertilizer industry wastewater, phosphorus chemical industry wastewater, etc
LH-600S	-	-	-	-	-	-	Blood purification adsorption resin.
LH-406WW	-	-	50-60	-	-	+1.2 mm < 5%, -0.3 mm < 1%	Widely used in Water purification treatment in industries such as mining drainage, semiconductor, electroplating, and photovoltaics.
LH-560WW	-	-	-	-	-	-	Widely used in Water purification treatment in industries such as mining drainage, semiconductor, electroplating, and photovoltaics.
LH-405	Chelating	H+	48-55	⩾0.8	0.72-0.78	0.40-1.25mm ⩾95	With -SH groups, highly selective for various kinds of Mercury removal.
LH-2BF			50-65		0.70-0.80		Dedicated exchange resin for phenol adsorption in wastewater Suitable for the treatment and resource recovery of production wastewater from pesticides, pharmaceuticals, and their intermediates.
LH-400WW					0.67-0.73		Suitable for deep discharge treatment of cyanide and cyanide metal complex ions in wastewater from electroplating, electronics, and printing industries, with strong removal capacity, large adsorption capacity, high elution rate, and stable operating performance.
LH-403	Chelating	-	52-60	⩾0.9	0.7-0.76	0.315-1.25mm ⩾95	With N-methylglucamine group, high selective and high capacity for Boron adsorption.
LH-402	Chelating	-	50-60	-	0.70-0.78	0.315-1.25mm ⩾95	Suitable for the recovery and deep discharge treatment of heavy metal ions such as copper, nickel, zinc, manganese, etc. in wastewater from wet metallurgy, chemical industry, electroplating, electronics, and printing industries, with strong removal ability, large adsorption capacity, high elution rate, and stable operating performance.
QL	Inert Polymer	-	-	-	0.5-0.57	Length 1.4 ± 0.1mm Diameter1.3±0.1mm	Inert polymer in the form of Cylinder.
EPS	Inert Polymer	-	⩽6	-	-	1.00-2.50mm ⩾95	Inert polymer beads.

MIXED BED RESINS

LINHAI	Type	Ionic Form	Shipping Weight g/ml	Particle Size %	Comments
LH-7715	-	H+,OH-	0.70-0.78	0.315-1.25mm ⩾95	Ready for use regenerable mixed bed for water deionization, utra pure water system and refine water for electrical home appliances ect., conductivity is less than 0.1μs.
LH-8715	-	H+,OH-	0.70-0.78	0.315-1.25mm ⩾95	Specially used for desalination treatment in drinking water systems, such as electric iron filters, water dispenser purification filter cartridges, coffee machine filters, and household water purifier filter cartridges, the filtration desalination of water has a significant effect, high water purity, and no odor.

ANION EXCHANGE RESINS

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LINHAI	Type	Ionic Form	Moisture %	Volume Capacity mmol/ml	Shipping Weight g/ml	Particle Size %	Comments
LH-204	Poly-styrene Type II	Cl-	50-60	⩾1.2	0.66-0.71	0.315-1.25mm ⩾95	International gel type standard.With good kinetic properties and high working capacity.For demineralization and silica removal.Widely used in Pharmaceutical and Food industries either.
LH-205	Poly-styrene Type I	Cl-	48-58	⩾1.3	0.66-0.71	0.315-1.25mm ⩾95	Standard Gel Type Ⅰ, SBA. High operating capacity. Good Kinetics and mechanical strength, good silica removal, used for condensate deionization and mixed bed, OH form also available.
LH-208	Poly-styrene Type I	Cl-	42-48	⩾1.4	0.67-0.73	0.315-1.25mm ⩾95	
LH-207	Poly-styrene Type II	Cl-	42-48	⩾1.35	0.67-0.73	0.315-1.25mm ⩾95	Standard Gel Type Ⅱ, SBA. Featuring very high capacity and regeneration efficiency.Greater resistance to organics than Type Ⅰresins.Excellent for 2 beds services;OH form also available.
LH-209	Poly-styrene Type II	Cl-	37-44	⩾1.5	0.68-0.76	0.315-1.25mm ⩾95	
LH-302	Poly-styrene Type II	Cl-	38-48	⩾1.3	0.57-0.72	0.45-1.25 mm ⩾95	Standard Gel Type Ⅱ.Very high working capacity for demineralization.
LH-302SC	Poly-styrene Type II	Cl-	45-55	⩾1.2	0.68-0.75	0.63-1.25mm ⩾95	Standard Gel Type Ⅱ.Very high working capacity for demineralization.
LH-201	Poly-styrene Type I	Cl-	50-60	⩾1.2	0.65-0.73	0.315-1.25mm ⩾95	Macroporous Type Ⅰ, SBA. Good mechanical and osmotic resistance, well used for demineralization. Good silica removal. OH form also available for immediate use.
LH-202	Poly-styrene Type II	Cl-	38-48	⩾1.4	0.68-0.76	0.45-1.25 mm ⩾95	Macroporous Type Ⅱ, SBA. High operating capacity. Especially for water source with higher salt content, decolorization of sugar liquor and separation of biochemicals.
LH-202FC	Poly-styrene Type II	Cl-	47-58	⩾1.2	0.66-0.73	0.45-1.25mm ⩾95	Macroporous Type Ⅱ, SBA. High operating capacity. Especially for water source with higher salt content, decolorization of sugar liquor and separation of biochemicals.
LH-352	Poly-styrene Type II	Cl-	47-57	⩾0.9	0.68-0.74	0.315-1.25mm ⩾95	Macroporous Type Ⅱ,Excellent resistance to physical breakage,osmotic shock fractures.Very high working capactiy in deionization.
LH-301	Poly-styrene	Free Base	48-58	⩾1.45	0.65-0.72	0.315-1.25mm ⩾95	Macroporous type, WBA, optimised for water demineralization resistant to organic fouling and decolorization.
LH-301FC	Poly-styrene	Free Base	48-58	⩾1.45	0.65-0.72	0.45-1.25mm ⩾95	With superior mechanical and osmotic strength,good kinetic property and very high working capacity for demineralization.FC grade for floating bed.
LH-301SC	Poly-styrene	Free Base	48-58	⩾1.45	0.65-0.72	0.315-0.63mm ⩾95	With superior mechanical and osmotic strength,good kinetic property and very high working capacity for demineralization.SC grade for Double-layer bed.
LH-301FD	Poly-styrene	Free Base	48-58	⩾1.45	0.65-0.72	0.45-1.25mm ⩾95	Mainly used to remove acid and color from natural extracts or fermentation broth.
LH-306	Poly-styrene	Free Base	47-54	⩾1.6	0.65-0.73	0.315-1.25mm ⩾95	Macroporous type, WBA, optimised for water demineralization resistant to organic fouling and decolorization.
LH-213	Poly-acrylic	Cl-	54-65	⩾1.2	0.68-0.75	0.315-1.25mm ⩾95	Gel type, SBA,acrylic structure ensures excellent removal of organic matter. For demineralization of water and sugar decolorization.
LH-316	Poly-acrylic	Cl-	50-65	⩾1.2	0.64-0.75	0.315-1.25mm ⩾95	Gel type, SBA,acrylic structure ensures excellent removal of organic matter. For demineralization of water and with the ability to remove both strong and weak acids from the solution.
LH-730	Poly-acrylic	Cl-	65-75	⩾0.8	0.65-0.73	0.315-1.25mm ⩾95	Macroporous type, acrylic SBA.Adsorbent resin for decolorization of organic solution. Organic scavenger.

Notes: The volume ratio Cation/Anion 1:1 and 1:2 are also available.

The conductivity of the above mixed bed are all less than 0.1μs, the resistivity can reach 10 megohms, 15megohms and 18megohms. Regenerable and non regenerable mixed bed are both available.