

SPECIALIZED IN ION EXCHANGE TECHNOLOGY

Offers you One-Stop Service for complete range of resin application



ION EXCHANGE RESIN

NSF Certified resin for Residential & Commercial Water Filter
Customized Fine Mesh & Black Bead resin for Water Softener
Customized Sterile resin for Water Pitcher/Coffee Machine

Customized resin for Wine Making/Dishwasher/Aquarium/Pet
Selected resin for Organic/Iron/Fluorine/Nitrite/Arsenic Removal
Customized resin for TDS=0 Pure water in EDM/Car Washing/Cleaning Industry

Complete Range of Cation & Anion Resin
Mixed-Bed Resin
Catalyst Resin
Chelating Resin
Adsorbent Resin
Inert Resin
Chromatography Separation Resin



www.lanlangcorp.com / sales@lanlangcorp.com

CATION RESIN

Lanlang Model	Type	Ionic Form	Moisture (%)	Volume Capacity (mmol/ml)	Bulk density (g/ml)	Particle Size (%)	Application
TC007	Strong Acid Poly-Styrene	Na ⁺	45-50	≥1.9	0.77-0.87	0.315-1.25mm≥95	Gel type, widely used in water softening and deionization, available in amber and dark color, H form and Na form
TC008	Strong Acid Poly-Styrene	Na ⁺	43-48	≥2.0	0.78-0.88	0.315-1.25mm≥95	
TC010	Strong Acid Poly-Styrene	Na ⁺	38-43	≥2.2	0.80-0.88	0.315-1.25mm≥95	
TC007MB	Strong Acid Poly-Styrene	Na ⁺	45-50	≥1.9	0.77-0.87	0.50-1.25mm≥95	Gel type, mixed bed grade resin, used for water deionization
TC008MB	Strong Acid Poly-Styrene	Na ⁺	43-48	≥2.0	0.78-0.88	0.50-1.25mm≥95	
TC007F	Strong Acid Poly-Styrene	Na ⁺	45-50	≥1.9	0.77-0.87	0.21-0.56mm≥95	Gel type, with Fine mesh bead size, higher operation capacity for water softening and deionization
TC008F	Strong Acid Poly-Styrene	Na ⁺	43-48	≥2.0	0.78-0.88	0.21-0.56mm≥95	
TC007C	Strong Acid Poly-Styrene	Na ⁺	45-50	≥1.9	0.77-0.87	0.60-1.25mm≥95	Gel type, with Coarse bead size for water softening and deionization
TC008C	Strong Acid Poly-Styrene	Na ⁺	43-48	≥2.0	0.78-0.88	0.60-1.25mm≥95	
TC007PU	Strong Acid Poly-Styrene	Na ⁺	45-50	≥1.9	0.77-0.87	0.55±0.05mm≥95 or 0.6±0.05mm≥95	Gel type, uniform particle size, higher operating capacity for water softening
TC008PU	Strong Acid Poly-Styrene	Na ⁺	43-48	≥2.0	0.78-0.88	0.55±0.05mm≥95 or 0.6±0.05mm≥95	
TC010PU	Strong Acid Poly-Styrene	Na ⁺	38-43	≥2.2	0.80-0.88	0.55±0.05mm≥95 or 0.6±0.05mm≥95	
NSF TC007FG	Strong Acid Poly-Styrene	Na ⁺	45-53	≥1.9	0.77-0.87	0.315-1.25mm≥95	Gel type, widely used in potable water or beverage softening and deionization, H form and Na form, NSF certified
NSF TC008FG	Strong Acid Poly-Styrene	Na ⁺	45-50	≥2.0	0.78-0.88	0.315-1.25mm≥95	
NSF TC010FG	Strong Acid Poly-Styrene	Na ⁺	40-45	≥2.2	0.80-0.88	0.315-1.25mm≥95	
NSF TC011FG	Strong Acid Poly-Styrene	Na ⁺	45-50	≥2.0	0.78-0.88	0.315-1.25mm≥95	Gel type, widely used in potable water or beverage softening and deionization, H form and Na form, dark color, NSF certified
NSF TC012FG	Strong Acid Poly-Styrene	Na ⁺	40-45	≥2.2	0.80-0.88	0.315-1.25mm≥95	
NSF TC008FGF	Strong Acid Poly-Styrene	Na ⁺	45-50	≥2.0	0.78-0.88	0.21-0.56mm≥95	Gel type, with Fine mesh bead size, higher operation capacity for water softening and deionization, NSF certified
TC001D	Strong Acid Poly-Styrene	Na ⁺	45-50	≥1.8	0.77-0.85	0.315-1.25mm≥95	Macroporous type, with excellent resistance to oxidation, attrition and osmotic shock. Available in Na form and H Form
TC001DMB	Strong Acid Poly-Styrene	Na ⁺	45-50	≥1.8	0.77-0.85	0.50-1.25mm≥95	Macroporous type, mixed bed grade resin, used for water deionization
TC001DPU	Strong Acid Poly-Styrene	Na ⁺	45-50	≥1.8	0.77-0.85	0.55±0.05mm≥95 or 0.6±0.05mm≥95	Macroporous type, higher operating capacity for water softening
TC113D	Weak Acid Poly-Styrene	H ⁺	45-52	≥4.4	0.74-0.80	0.315-1.25mm≥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
NSF TC113FGD	Weak Acid Poly-Styrene	H ⁺	45-52	≥4.4	0.74-0.80	0.315-1.25mm≥95	Macroporous type, high capacity. Removal of temporary hardness and alkalinity potable water treatment, recovery of noble metals, available in H form and Na Form, NSF certified
NSF TC115FGD	Weak Acid Poly-Styrene	Na ⁺ /H ⁺	45-52	≥4.4	0.74-0.80	0.315-1.25mm≥95	Macroporous type, high capacity. Removal of temporary hardness and alkalinity potable water treatment, recovery of noble metals, available in H form and Na Form, NSF certified

ANION RESIN

Lanlang Model	Type	Ionic Form	Moisture (%)	Volume Capacity (mmol/ml)	Bulk density (g/ml)	Particle Size (%)	Application
TA202	Poly-styrene Type I	CL-	70-75	≥0.75	0.66-0.71	0.315-1.25mm≥95	Water demineralization (deionization), acid radical removal. Mainly used for the extraction of antibiotics and the adsorption of organic acids.
TA204	Poly-styrene Type I	CL-	50-60	≥1.2	0.66-0.71	0.315-1.25mm≥95	Standard Gel Type I, SBA. High operating capacity. Good Kinetics and mechanical strength, good water demineralization, acid radical removal. sillical removal, used for condensate deionization and mixed bed, OH form also available.
TA204PU	Poly-styrene Type I	CL-	50-60	≥1.2	0.66-0.71	0.55±0.05 mm≥95 or 0.6±0.05 mm≥95	
TA204MB	Poly-styrene Type I	CL-	50-60	≥1.2	0.66-0.71	0.4-0.9 mm≥95	
TA207R	Poly-styrene Type I	CL-	42-48	≥1.35	0.66-0.71	0.315-1.25mm≥95	
TA207	Poly-styrene Type I	CL-	42-48	≥1.35	0.66-0.71	0.315-1.25mm≥95	Standard Gel Type I, SBA. High operating capacity. Good Kinetics and mechanical strength, good for water demineralization, acid radical removal.
TA207PU	Poly-styrene Type I	CL-	42-48	≥1.35	0.66-0.71	0.55±0.05 mm≥95 or 0.6±0.05 mm≥95	
TA207MB	Poly-styrene Type I	CL-	42-48	≥1.35	0.66-0.71	0.4-0.9 mm≥95	
TA208	Poly-styrene Type I	CL-	42-45	≥1.4	0.66-0.71	0.315-1.25mm≥95	Standard Gel Type I, SBA; TA208 is specially designed to remove hexavalent chromium and uranium. It can also remove anionic pollutants, including nitrates. TA208 has excellent operating ability and physical stability, and has a long service life.
TA202-II	Poly-styrene Type II	CL-	34-46	≥1.4	0.68-0.76	0.315-1.25mm≥95	Standard Gel Type II, SBA; Featuring very high capacity and regeneration efficiency. Better resistance to organics than Type I resins. Excellent for 2 beds services; Used for water demineralization, dealkalization, nitrates removal.
TA213	Poly-acrylic	CL-	54-64	1.25	0.68-0.75	0.315-1.25mm≥95	Gel type, SBA, acrylic structure ensures excellent removal of organic matter. For demineralisation of water and sugar decolorisation.
TA312	Poly-acrylic	CL-	50-60	1.6	0.65-0.75	0.315-1.25mm≥95	Gel type, acrylic structure, WBA. Demineralisation of water high in organic matter, and organic solution(sugar juices) deacidification and decolorization. High operational capacity.
TA201D	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 sillical removal. OH form also available for immediate use; also be used to remove organic matter, sugar decolorization.
TA201DMB	Poly-styrene Type I	CL-	50-60	1.2	0.65-0.73	0.4-0.9mm	
TA201DC	Poly-styrene Type I	CL-	50-60	1.2	0.65-0.73	0.6-1.25mm	
TA201DPU	Poly-styrene Type I	CL-	50-60	1.2	0.65-0.73	0.55±0.05 mm≥95 or 0.6±0.05 mm≥95	Uniform particle size; Macroporous Type I, SBA. Used for demineralization. Good sillical removal. OH form also available for immediate use; also be used to remove organic matter, sugar decolorization
TA202D-II	Poly-styrene Type II	CL-	47-57	1.2	0.68-0.73	0.315-1.25mm≥95	Macroporous Type II, SBA. Used for water desalination, removal of organic matter, and dealkalization. It has high operating capacity and excellent regeneration efficiency. Especially suitable for high FMA (free inorganic acid) water supply. It is also recommended to be used in desalination systems where amine odor is not desired.
TA213D	Poly-acrylic	CL-	65-72	0.8	0.65-0.73	0.315-1.25mm≥95	Macroporous type, acrylic SBA. Adsorbent resin for decolorisation of organic solution. Organic scavenger.
TA213DC	Poly-acrylic	CL-	65-72	0.8	0.65-0.73	0.6-1.25mm	

ANION RESIN

Lanlang Model	Type	Ionic Form	Moisture (%)	Volume Capacity (mmol/ml)	Bulk density (g/ml)	Particle Size (%)	Application
TA301D	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.
TA301DPU	Poly-styrene	Free base	48-58	1.45	0.65-0.72	0.55±0.05 mm≥95 or 0.6±0.05 mm≥95	Uniform particle size Macroporous type, WBA, optimised for water demineralization resistant to organic fouling and decolorization.
TA305GD	Poly-styrene	Free base	50-60	1.35	0.65-0.75	0.8-1.6mm≥95	Used for extraction of gold by cyanidation.
TA316D	Poly-acrylic	Free base	48-58	2.00	0.65-0.75	0.315-1.25mm≥95	Macroporous Type, WBA, Used for water deacidification, decolorization, high tolerance to organic fouling.
TA306D	Poly-styrene	FeO(OH)	50-65	Arsenic adsorption capacity (g/L): 2.0	0.7-0.86	0.315-1.25mm≥95	Used for arsenate and arsenite removal.
TA465D	Poly-styrene	CL-	50-60	0.8	0.65-0.75	0.315-1.25mm≥95	Used for nitrate and nitrite removal.
TA467D	Poly-styrene	CL-	52-62	Perchlorate adsorption capacity (g/L): 25	0.65-0.73	0.315-1.25mm≥95	Used for perchlorate removal.
TA468D	Poly-styrene	CL-	50-60	1.2	0.65-0.73	0.6-1.25mm	Used for absorb and enrich and purify uranium in the uranium mine and its waste water, especially for the separation and purification of vanadium in hydro metallurgy.
TA469	Poly-styrene	Al ³⁺	50-65	Fluorine Adsorption capacity (g/L-R): 2.0	0.7-0.8	0.315-1.25mm≥95	Used for Fluorine Removal.

MIXED BED RESIN

Lanlang Model	Type	Ionic Form	Bulk density (g/ml)	Particle Size (%)	Application
TY MB-C	Gel polystyrene	H ⁺ / OH ⁻	0.69-0.75	0.315-1.25mm≥95	Deionization applications for wire cutting WEDM.
TY MB-A	Gel polystyrene	H ⁺ / OH ⁻	0.69-0.75	0.315-1.25mm≥95	Deionization applications for aquarium water filter.
TY MB-W	Gel polystyrene	H ⁺ / OH ⁻	0.69-0.75	0.315-1.25mm≥95	General purpose deionizing applications and spot-free rinsing for Car, window, vehicles, motorcycles, bikes, boats, RV, and solar panels washing.
TY MB-L	Gel polystyrene	H ⁺ / OH ⁻	0.69-0.75	0.315-1.25mm≥95	General purpose deionizing applications for ultrapure water equipment.
TY MB-E	Gel polystyrene	H ⁺ / OH ⁻	0.69-0.75	0.40-1.25mm≥95	General purpose deionizing applications for dental equipment, camera lens cleaning, metal cleaning, laboratory ultrapure water preparation and beverage industry.
TY MB-PB	Gel polystyrene	H ⁺ / OH ⁻	0.69-0.75	0.40-1.25mm≥95	General purpose deionizing applications for electronic industry, condensate treatment, noble metal cleaning, dark color.
TY MB-PU	Gel polystyrene	H ⁺ / OH ⁻	0.69-0.75	0.30-0.60mm≥95	Uniform particle size, higher operating capacity, general purpose deionizing applications for electronic industry, condensate treatment, noble metal cleaning.
TY MB-P	Gel polystyrene	H ⁺ / OH ⁻	0.69-0.75	0.40-1.25mm≥95	General purpose deionizing applications for electronic industry, condensate treatment, noble metal cleaning.
TY MB-I(G)	Gel polystyrene	H ⁺ / OH ⁻	0.69-0.75	0.40-1.25mm≥95	General purpose deionizing applications for window/vehicle washing, WEDM, Aquarium, dental equipment, laboratory and cosmetic laser machine application changes color from green to red as the resin exhausts.

MIXED BED RESIN

Lanlang Model	Type	Ionic Form	Bulk density (g/ml)	Particle Size (%)	Application
TY MB-I(B)	Gel polystyrene	H ⁺ / OH ⁻	0.69-0.75	0.40-1.25mm≥95	General purpose deionizing applications for window/vehicle washing, WEDM, Aquarium, dental equipment, laboratory and cosmetic laser machine application changes color from blue to yellow as the resin exhausts.
TY MB-I(P)	Gel polystyrene	H ⁺ / OH ⁻	0.69-0.75	0.40-1.25mm≥95	General purpose deionizing applications for window/vehicle washing, WEDM, Aquarium, dental equipment, laboratory and cosmetic laser machine application changes color from purple to yellow as the resin exhausts.

SPECIAL RESIN

Lanlang Model	Type	ionic Form	Moisture (%)	Volume Capacity (mmol/ml)	Bulk density (g/ml)	Particle Size (%)	Application
TY CA410	Strong Acid	H ⁺	45-55%	≥5.2	0.78-0.88	0.45-1.25mm≥95	As catalysts mainly in the synthesizing chemical industry etherification and ether linkage degradation, especially for the synthesizing catalyzing of methyl tert-butyl ether (MTBE).
TY BD452	Strong Acid	H ⁺	≤5%	≥5.2	0.78-0.88	0.315-1.25mm≥95	Remove catalyst, soap, and glycerol traces from Biodiesel.
TY CH510	Chelating	Na ⁺	48-58%	≥1.2	0.72-0.78	0.40-1.25mm≥95	With thiourea group, separation and purification of free state mercury and noble metals.
TY CH520	Chelating	Na ⁺	45-55%	≥2.0	0.72-0.78	0.45-1.25mm≥95	Removal or recovery of heavy metals (copper, nickel, cobalt, zinc, etc.) from process streams or wastewaters; Brine softening in the Chlor-alkali industry.
TY CH530	Chelating	Na ⁺	55-65%	≥1.8	0.70-0.80	0.45-1.25mm≥95	Brine softening in the chlor alkali industry.
TY CH540	Chelating	Free Base	52-60%	≥0.8	0.70-0.76	0.315-1.25mm≥95	With N-methylglucamine group, high selective and high capacity for Boron adsorption.
TY AD610	Adsorbent	—	55-65%	—	0.65-0.75	0.315-1.25mm≥95	Absorption and extraction of hydrochloric acid lincomycin.
TY AD630	Adsorbent	—	55-65%	—	0.65-0.75	0.315-1.25mm≥95	Separate and extract cephalosporin, polyphenol, saponin, anthocyanin, colchicine, paclitax, vitamin E, ellagitannin and pleocidin.
TY AD650	Adsorbent	—	55-65%	—	0.65-0.75	0.30-0.90mm≥95	Absorption and extraction of vitamin B12 and other antibiotics.
TY CS710	Chromatographic	Ca ⁺	45-55%	≥1.8	0.80-0.90	0.20-0.40mm≥90	Separation and purification of glucose and fructose.
TY INB-1	Inert Polymer	—	—	—	0.54-0.56	2.5-4.0mm≥95	Bead form resin and specific gravity to guard resin in downflow resin bed.
TY INC-2	Inert Polymer	—	—	—	0.52-0.65	Length 1.4±0.3mm Diameter 1.3±0.3mm	Cylindrical form resin and specific gravity to guard resin in upflow resin bed.

Lanlang	Purolite	Dow Dowex	Resin Tech	Bayer Lewatit	Rohm&Hass Amberlite	Hass Duolite	Sybron	Mitsubishi Diaion	Jacobi Resinex	Ion exchange India Indian
CATION RESIN										
TC007	C100E	HCR-S(E)S	CGS	S100LF	IR120	C20			KW-8	222 Na
TC008	C100	HCR-S(E)	CG8	S100	IR120	C20	C249	SK1B	K-8	225 Na
TC010	C100X10	HGR-W2	CG10	S110	IR122	C20×10	C250	SK110	K-10	525 Na
TC001D	C150	MSC-1	SAC MP	SP112-120	AMB252	C26S	CFP110	PK216-228	KP	790
TC113D	C104Plus	MWC-1	WAC MP	CNP80	IRC-76/84		CCP	WK40	KW-H	662
TC113FGD	C104EPlus	MAC-3	WACG-HP	CNP/LF				WK20	KW-H HC	266
ANION RESIN										
TA204	A400	SBR-P	SBG1P	M500	IRA402	A113	ASB-1P	SA 12A	A-4	
TA207	A600	SBR	SBG1	M500/511	IRA400	A109	ASB-1	SA 10A	A-7	GS300
TA202-II	A300	SAR	SBG2	M610	IRA410	A104	ASB-2	SA 20A	AW-25	GS400
TA201D	A500Plus	MSA-1	SBMP1	MP500	IRA900	A-161	A641	PA308/312	AP	810 HC
TA202D-II	A510Plus	MSA-2		MP600	IRA910	A-162	A651	PA412/416	AP-2	820 HC
TA213D	A860		SBACR-MP	VPOC1074	IRA958		MACRO-T			830 S
TA301D	A100Plus	MWA-1	WBMP	MP62	IRA94	A329S		WA30	AB-1	850
TA305GD	A100Plus	MWA-1	WBMP	MP64	IRA93/95/96		AFP329	WA30	AB-1	860 S
TA213	A850		SBACR	VP OC1071	IRA458		A475			
TA312	A845	WBACR	WBACR	VP OC1072	IRA67			WA11		
TA306D			ASM-10 HP	FO36						ASM
MIXED BED RESIN										
TY MB-C	MB378LT		MAG-MB	NM-91	MB9L				MX-21	MB 151
TY MB-E	MB400	MB-50	MBD-15		MB8				MX-2	MB 115
TY MB-P	UCW3600		MBD-ULTRA							MB 1150 HP
TY MB-I(B)	MB400IND		SIR-150						MX-2I	MB 11 GMB
SPECIAL RESIN										
TY CA410	CT175	M31	SIR-1300	K1221/2641-49	A35				CAT-1	
TA465D	A520E		SIR-100	MK51	IRA996		SR-7		NR-1	
TA467D	A530E		SIR-110MP						PR-1	PCR
TY CH510	MTS9200	XZ95844	SIR-200/400	TP214	GT73		SR-4/3		CH-80	TCR
TY CH520	MTS9300	XZ95843	SIR-300	TP207/208	IRC748		SR-5	CR 11	CH-20	SIR
TY CH530	S940	XZ87480	SIR-500	TP260	IRC747	C467			CH-12	BSR
TY CH540	S108						S-3		BR-1	
TY INB-1	IP1		IT-5						N-2	
TY INC-2	IP4	IF59		IN38	359				N	
TY INB-3	IP3		IT-1						NTR	
TY INB-5	IP4300									

