

QUALITY PERFORMS.



Product Guide

Portfolio of **Lewatit**[®] ion exchange resins and **Bayoxide**[®] iron oxide adsorbers.

X Lewatit[®] **X Bayoxide**[®]

QUALITY WORKS.

LANXESS
Energizing Chemistry

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MINING & HYDROMETALLURGY

Chelating Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min. (H Form)	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® MDS TP 208	Styrene/DVB macroporous	Na ⁺	700	MD: 0.38 (+/- 0.04)	1.15	2.8	-35 (Na ⁺ →H ⁺)	58 – 63	Lithium brine purification
Lewatit® MDS TP 220	Styrene/DVB macroporous	H ₂ SO ₄ salt	725	MD: 0.38 (+/- 0.04)	1.15	36 g/L Cu capacity	-30 (deliver. → free base)	50 – 58	Nickel cobalt separation
Lewatit® MDS TP 260	Styrene/DVB macroporous	Na ⁺	740	MD: 0.40 (+/- 0.04)	1.15	3.0	-35 (Na ⁺ →H ⁺)	60 - 65	Lithium brine purification, copper electrolyte purification
Lewatit MonoPlus® TP 207	Styrene/DVB macroporous	Na ⁺	700	MD: 0.61 (+/- 0.05)	1.1	2.0	-25 (Na ⁺ →H ⁺)	55 – 60	Base metal recovery, uranium recovery from hypersaline solutions
Lewatit MonoPlus® TP 208	Styrene/DVB macroporous	Na ⁺	700	MD: 0.65 (+/- 0.05)	1.1	2.5	-30 (Na ⁺ →H ⁺)	58 – 63	Lithium brine purification
Lewatit MonoPlus® TP 209 XL	Styrene/DVB macroporous	Na ⁺	710	MD: 0.85 (+/- 0.05)	1.1	2.4	-35 (Na ⁺ →H ⁺)	48 - 53	Base metal recovery from pulps
Lewatit MonoPlus® TP 214	Styrene/DVB macroporous	H ⁺	660	MD: 0.55 (+/- 0.05)	1.1	110 g/L Ag capacity	-	55 – 60	Mercury removal, Cadmium removal from nickel and cobalt concentrates, precious metal recovery
Lewatit MonoPlus® TP 220	Styrene/DVB macroporous	H ₂ SO ₄ salt	670	MD: 0.62 (+/- 0.05)	1.1	29 g/L Cu capacity	-23 (deliver. → free base)	50 – 55	Nickel cobalt separation
Lewatit MonoPlus® TP 260	Styrene/DVB, macroporous	Na ⁺	720	MD: 0.63 (+/- 0.05)	1.1	2.4	-35 (Na ⁺ →H ⁺)	58 - 63	Lithium brine purification, copper electrolyte purification

MINING & HYDROMETALLURGY

Strong Base Anion Exchange Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® K 1000 U SO ₄	Styrene/DVB macroporous	SO ₄ ²⁻	708	MD: 0.85 (+/- 0.05)	1.1	1.0	10 (Cl ⁻ →SO ₄ ²⁻)	56 – 60	Recovery of uranium and anionic metal complexes from pulps
Lewatit® K 6362	Styrene/DVB gel	Cl ⁻	690	MD: 0.62 (+/- 0.05)	1.1	1.3	22 (Cl ⁻ →OH ⁻)	48 – 55	Recovery of uranium and anionic metal complexes
Lewatit® K 6367	Styrene/DVB gel	Cl ⁻	630	MD: 0.92 (+/- 0.05)	1.2	1.2	20 (Cl ⁻ →OH ⁻)	49 – 54	Recovery of uranium and anionic metal complexes from pulps
Lewatit® K 6462	Styrene/DVB gel	Cl ⁻	650	MD: 0.59 (+/- 0.05)	1.1	1.4	20 (Cl ⁻ →OH ⁻)	45 – 50	Recovery of uranium and anionic metal complexes

MINING & HYDROMETALLURGY

Weak Base Anion Exchange Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® A 365	Polyacrylate macroporous	FB	720	HD: 0.4 – 1.6	1.8	3.4	25 (FB → Cl ⁻)	43 – 54	Uranium recovery from saline solutions
Lewatit® MP 62 WS	Styrene/DVB macroporous	FB	620	HD: 0.4 – 1.25	1.6	1.7	45 (FB → Cl ⁻)	44 - 52	Metal recovery from hydrochloric acid, Vanadium and molybdenum recovery

MINING AND HYDROMETALLURGY

Adsorber & Solvent Impregnated Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® TP 272	Styrene/DVB macroporous	H ⁺	590	HD: 0.3 – 1.6	1.8	12.5 g/L Zn capacity	-	-	Nickel/cobalt separation
Lewatit® VP OC 1026	Styrene/DVB macroporous	H ⁺	590	HD: 0.3 – 1.6	1.9	13 g/L Zn capacity	-	28 – 33	Nickel/cobalt electrolyte purification

CATALYSIS, CHEMICALS PROCESSING & CHLOR ALKALI

Chelating Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min. (H Form)	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® MDS TP 208	Styrene/DVB macroporous	Na ⁺	700	MD: 0.38 (+/- 0.04)	1.15	2.8	-35 (Na ⁺ →H ⁺)	58 – 63	Hardness removal from brines
Lewatit® MDS TP 260	Styrene/DVB macroporous	Na ⁺	740	MD: 0.40 (+/- 0.04)	1.15	3.0	-35 (Na ⁺ →H ⁺)	60 - 65	Hardness removal from brines
Lewatit MonoPlus® TP 207	Styrene/DVB macroporous	Na ⁺	700	MD: 0.61 (+/- 0.05)	1.1	2.0	-25 (Na ⁺ →H ⁺)	55 – 60	Nickel removal from brines
Lewatit MonoPlus® TP 208	Styrene/DVB macroporous	Na ⁺	700	MD: 0.65 (+/- 0.05)	1.1	2.5	-30 (Na ⁺ →H ⁺)	58 – 63	Hardness removal from brines
Lewatit MonoPlus® TP 214	Styrene/DVB macroporous	H ⁺	660	MD: 0.55 (+/- 0.05)	1.1	110 g/L Ag capacity	-	55 – 60	Mercury removal from brines
Lewatit MonoPlus® TP 260	Styrene/DVB, macroporous	Na ⁺	720	MD: 0.63 (+/- 0.05)	1.1	2.4	-35 (Na ⁺ →H ⁺)	58 - 63	Hardness removal from brines

CATALYSIS, CHEMICALS PROCESSING & CHLOR ALKALI

Strong Acidic Cation Exchangers

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® GF 101	Styrene/DVB macroporous	H ⁺	710	HD: 0.4 – 1.25	1.6	4.7 eq/kg (dry)	-	58 – 63	Biodiesel, FFA esterification
Lewatit® GF 202	Styrene/DVB macroporous	Neutral	740	MD: 0.65 (+/- 0.05)	1.1	-	-	52 - 57	Biodiesel purification
Lewatit® K 1161	Styrene/DVB gel	H ⁺	710	MD: 0.98 (+/- 0.07)	1.1	0.7	-	75-80	BPA production
Lewatit® K 1167	Styrene/DVB gel	H ⁺ / Promoted	690	MD: 0.98 (+/- 0.07)	1.1	0.7*	-	75-80*	BPA production
Lewatit® K 1261	Styrene/DVB gel	H ⁺	760	MD: 0.73 (+/- 0.07)	1.1	1.2	-	61-66	BPA production
Lewatit® K 1267	Styrene/DVB gel	H ⁺ / Promoted	720	MD: 0.73 (+/- 0.07)	1.1	1.2*	-	61-66*	BPA production
Lewatit® K 1461 black	Styrene/DVB Gel	H ⁺	790	MD: 0.65 (+/- 0.06)	1.1	1.8	-	45 – 55	Esterification
Lewatit® K 2420	Styrene/DVB macroporous	H ⁺	760	HD: 0.5 – 1.6	1.7	1.4	-	62 – 67	Phenol purification
Lewatit® K 2431	Styrene/DVB macroporous	H ⁺	700	HD: 0.5 – 1.6	1.7	1.2	-	63 – 68	Phenol purification, esterification
Lewatit® K 2440	Styrene/DVB macroporous	H ⁺	710	HD: 0.4 – 1.6	1.7	5.4 eq/kg (dry)	-	-	Phenol alkylation
Lewatit® K 2620	Styrene/DVB macroporous	H ⁺	760	HD: 0.4 – 1.25	1.6	1.9	-	50 – 55	Etherification, esterification

Lewatit® K 2640	Styrene/DVB macroporous	H ⁺	570	HD: 0.4 – 1.25	1.6	5.2 eq/kg (dry)	-	-	Etherification, esterification
Lewatit® K 2621	Styrene/DVB macroporous	H ⁺	700	HD: 0.4 – 1.25	1.6	1.4	-	57 – 63	Etherification, esterification, hydrolisis
Lewatit® K 2624	Styrene/DVB macroporous	H ⁺ / Pd	700	HD: 0.4 – 1.25	1.6	1.4	-	57 – 63	Isomerization / hydrogenation/ etherification
Lewatit® K 2629	Styrene/DVB macroporous	H ⁺	730	HD: 0.4 – 1.25	1.7	1.6	-	50 – 55	Etherification, esterification
Lewatit® K 2649	Styrene/DVB macroporous	H ⁺	600	HD: 0.4 – 1.25	1.7	4.7 eq/kg (dry)	-	-	Phenol alkylation
Regler ZL	Styrene/DVB gel	H ⁺	520	< 0.032	-	5.0 eq/kg (dry)	-	-	Catalysis

*Value of the unpromoted precursor

CATALYSIS, CHEMICALS PROCESSING & CHLOR ALKALI

Strong Base Anion Exchangers

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® K 7333	Styrene/DVB gel	OH ⁻ / Pd	700	MD: 0.64 (+/- 0.05)	1.1	-	-	58 – 63	Deoxygenation
Lewatit® S 6368 A	Styrene/DVB macroporous	Cl ⁻	600	MD: 0.62 (+/- 0.05)	1.1	1.0	22 (Cl ⁻ →OH ⁻)	60 – 65	Iodide removal from sodium chloride brines

CATALYSIS, CHEMICALS PROCESSING & CHLOR ALKALI

Weak Base Anion Exchange Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® K 3433	Styrene/DVB macroporous	FB / Pd	630	HD: 0.4 – 1.25	1.6	-	-	46 – 51	Deoxygenation
Lewatit® MP 62 WS	Styrene/DVB macroporous	FB	620	HD: 0.4 – 1.25	1.6	1.7	45 (FB → Cl ⁻)	44 – 52	Acid removal
Lewatit® MP 62 WS Dried	Styrene/DVB macroporous	FB	340	HD: 0.4 – 1.25 (wet)	1.6	1.7 (wet)	-	<0.5 (residual moisture)	Production of high purity silicon
Lewatit® VP OC 1065	Styrene/DVB macroporous	FB	630	HD: 0.3 – 1.25	1.8	2.2	-	47 – 52	CO ₂ / COS capture, aldehyde removal

POTABLE WATER

Chelating Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit MonoPlus® TP 207	Styrene/DVB macroporous	Na ⁺	700	MD: 0.61 (+/- 0.05)	1.1	2.0	-25 (Na ⁺ →H ⁺)	55 – 60	Heavy metal removal from ground water

POTABLE WATER

Weak Acidic Cation Exchange Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max. approx.	Water Retention (%)	Applications
Lewatit® CNP C	Polyacrylate macroporous	H ⁺	770	HD: 0.4 – 1.6	1.8	3.8	7 (H ⁺ →Ca ²⁺)	44 – 58	Cartridge / Dealkalization
Lewatit® CNP LF	Polyacrylate macroporous	H ⁺	750	HD: 0.315 – 1.6	1.8	4.3	7 (H ⁺ →Ca ²⁺)	43 – 49	Cartridge / Dealkalization
Lewatit® CNP LF Na	Polyacrylate macroporous	H ⁺ / Na ⁺	780	HD: 0.4 – 1.25	1.8	4.3 (H)	7 (H ⁺ →Ca ²⁺)	48 – 56	Cartridge / Softening, Dealkalization
Lewatit® CNP P	Polyacrylate macroporous	H ⁺	770	HD: 0.4 – 1.6	1.8	4.5	7 (H ⁺ →Ca ²⁺)	44 – 58	Cartridge / Dealkalization
Lewatit® S 8107	Polyacrylate macroporous	H ⁺	990	HD: 0.1 – 0.5	1.8	3.8	7 (H ⁺ →Ca ²⁺)	44 – 58	Cartridge / Dealkalization
Lewatit® S 8227	Polyacrylate macroporous	H ⁺	770	HD: 0.4 – 1.6	1.8	4.3	7 (H ⁺ →Ca ²⁺)	47 – 53	Cartridge / Dealkalization
Lewatit® S 8227 Ca	Polyacrylate macroporous	Ca ²⁺	790	HD: 0.4 – 1.6	1.8	4.3 (H)	-10 (Ca ²⁺ →H ⁺)	43 – 50	Cartridge
Lewatit® S 8227 Mg	Polyacrylate macroporous	Mg ²⁺	770	HD: 0.315 – 1.6	1.8	4.3 (H)	-30 (Mg ²⁺ →Ca ²⁺)	54 – 60	Cartridge
Lewatit® S 8229	Polyacrylate macroporous	H ⁺ / Na ⁺	770	HD: 0.4 – 1.6	1.8	4.3 (H)	7 (H ⁺ →Ca ²⁺)	47 – 53	Cartridge / Softening, Dealkalization
Lewatit® S 8229 Plus X	Polyacrylate macroporous	H ⁺ / Na ⁺	820	HD: 0.4 – 1.6	1.8	4.3 (H)	-4 (H ⁺ /Na ⁺ →Ca ²⁺)	58 – 63	Cartridge / Softening, Dealkalization
Lewatit® S 8229 DRY	Polyacrylate macroporous	H ⁺ / Na ⁺	770	HD: 0.315 – 1.6	1.8	4.3 (H)	7 (H ⁺ →Ca ²⁺)	48 – 56	Cartridge / Softening, Decarbonization
Lewatit® S 8229 Plus Ag	Polyacrylate macroporous	H ⁺ / Na ⁺ / Ag	790	HD: 0.4 – 1.6	1.8	4.3 (H)	-25 (H ⁺ /Na ⁺ →Ca ²⁺)	58 – 64	Cartridge / Softening, Dealkalization

POTABLE WATER

Strong Base Anion Exchange Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® DW 630	Styrene/DVB macroporous	SO ₄ ²⁻	650	MD: 0.51 (+/- 0.05)	1.1	1.1	16 (during exhaustion)	58 – 63	Uranium removal
Lewatit® S 5128	Polyacrylate, gel	Cl ⁻	730	HD: 0.50 - 0.75 (effective size)	1.8	1.35	25 (Cl ⁻ →OH ⁻)	48-55	Natural organic matter removal
Lewatit® MonoPlus SR 7	Styrene/DVB macroporous	Cl ⁻	610	MD: 0.62 (+/- 0.05)	1.1	0.6	-	59 – 64	Nitrate removal
Lewatit® TP 106	Styrene/DVB gel	Cl ⁻	690	HD: 0.38 – 0.48 (effective)	1,7	0.65	-	34-45	Perchlorate removal, PFOS removal
Lewatit® TP 107	Polyacrylate, macroporous	Cl ⁻	740	HD: 0.49 – 0.65 (effective)	1,7	2,4	15 (Cl ⁻ →OH ⁻)	30-42	Chromate removal

POTABLE WATER

Adsorbers

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Bayoxide® E 33	FeO(OH)	-	460 - 570	0.315 – 2.0	-	-	0 (during exhaustion)	20	Arsenic/ phosphate removal
Lewatit® FO 36	Styrene/DVB macroporous	FeO(OH)	710	MD: 0.34 (+/- 0.04)	1.15	1.5 g As/L	0 (during exhaustion)	50 - 55	

WASTE WATER TREATMENT & RECYCLING

Chelating Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® MDS TP 220	Styrene/DVB macroporous	H ₂ SO ₄ salt	725	MD: 0.38 (+/- 0.04)	1.15	36 g/L Cu capacity	-30 (deliver. → free base)	50 – 58	Chromium (III) bath purification
Lewatit MonoPlus® TP 207	Styrene/DVB macroporous	Na ⁺	700	MD: 0.61 (+/- 0.05)	1.1	2.0	-25 (Na ⁺ →H ⁺)	55 – 60	Heavy metal removal from effluents
Lewatit MonoPlus® TP 214	Styrene/DVB macroporous	H ⁺	660	MD: 0.55 (+/- 0.05)	1.1	110 g/L Ag capacity	-	54 – 60	Mercury removal, precious metal recovery
Lewatit MonoPlus® TP 220	Styrene/DVB macroporous	H ₂ SO ₄ salt	670	MD: 0.62 (+/- 0.05)	1.1	29 g/L Cu capacity	-23 (deliver. → free base)	50 – 55	Chromium(III) bath purification

WASTE WATER TREATMENT & RECYCLING

Strong Acidic Cation Exchange Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® K 2629	Styrene/DVB macroporous	H ⁺	730	HD: 0.4 – 1.25	1.7	1.6	-	50 – 55	Heavy metal removal from chromium(VI) baths, phosphoric/sulphuric acid purification
Lewatit MonoPlus® SP 112 H	Styrene/DVB, macroporous	H ⁺	720	MD: 0.67 (+/- 0.05)	1.1	1.6	-9 (H ⁺ →Na ⁺)	56 – 60	

WASTE WATER TREATMENT & RECYCLING

Strong Base Anion Exchange Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® A 8071	Acrylic, gel	Cl ⁻	740	HD: 0,4 - 1,6	1,8	1,35	25 (Cl ⁻ →OH ⁻)	48-55	Acid retardation
Lewatit® K 6362	Styrene/DVB gel	Cl ⁻	690	MD: 0.62 (+/- 0.05)	1.1	1.3	22 (Cl ⁻ →OH ⁻)	48 – 55	Removal of heavy metals from hydrochloric acid, acid retardation, PFT removal
Lewatit® S 6368 A	Styrene/DVB macroporous	Cl ⁻	600	MD: 0.62 (+/- 0.05)	1.1	1.0	22 (Cl ⁻ →OH ⁻)	60 – 65	Chromate and color removal from effluents, vanadium and molybdenum removal
Lewatit® TP 106	Styrene/DVB gel	Cl ⁻	690	HD: 0.38 – 0.48 (effective)	1,7	0.65	-	34-45	PFOS removal
Lewatit® TP 107	Polyacrylate, macroporous	Cl ⁻	740	HD: 0.49 – 0.65 (effective)	1,7	2,4	15 (Cl ⁻ →OH ⁻)	30-42	Chromate removal

WASTE WATER TREATMENT & RECYCLING

Weak Base Anion Exchange Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® A 365	Polyacrylate macroporous	FB	720	HD: 0.4 – 1.6	1.8	3.4	25 (FB →Cl ⁻)	43 – 54	Sulphate removal
Lewatit® MP 62 WS	Styrene/DVB macroporous	FB	620	HD: 0.4 – 1.25	1.6	1.7	45 (FB → Cl ⁻)	44 - 52	PFT removal, vanadium and molybdenum removal, precious metal recovery from hydrochloric acid
Lewatit MonoPlus® MP 68	Styrene/DVB macroporous	FB / Cl ⁻	620	MD: 0.55 (+/- 0.05)	1.1	1.3	24 (delivery form →OH ⁻)	54 – 60	Chromate removal from effluents

WASTE WATER TREATMENT & RECYCLING

Adsorbers & Solvent Impregnated Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® AF 5	Carbon microporous	None	620	HD: 0.4 – 0.8	-	-	-	-	Organics removal from effluents
Lewatit® VP OC 1026	Styrene/DVB macroporous	H ⁺	590	HD: 0.3 – 1.6	1.9	13 g/L Zn capacity	-	28 – 33	Chromium (III) bath purification
Lewatit® VP OC 1064 MD PH	DVB / porous	-	600	MD: 0.49 (+/- 0.05)	1.1	-	-	54 – 63	Organics removal from effluents
Bayoxide® E IN 20	FeO(OH)	-	460 - 570	0.315 – 2.0	-	-	0 (during exhaustion)	20	Arsenic/phosphate removal

PHARMA & BIO PROCESSING

Strong Base Anion Exchange Resins

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® VP OC 1074	Polyacrylate macroporous	Cl ⁻	720	HD: 0.4 – 1.6	1.8	0.85	20 (Cl ⁻ →OH ⁻)	66 – 72	Heparin processing

PHARMA & BIO PROCESSING

Adsorbers

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® VP OC 1064 MD PH	DVB / porous	-	600	MD: 0.49 (+/- 0.05)	1.1	-	-	54 – 63	Organics removal from effluents
Lewatit® VP OC 1600	DVB / porous	-	630	HD: 0.4 – 1.6	1.8	-	-	55-60	Enzyme carrier

FOOD

WAC

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max. approx.	Water Retention (%)	Applications
Lewatit® S 8528	Polyacrylate macroporous	H ⁺	750	HD: 0.4 – 1.6	1.8	4.3 (H)	70 (H ⁺ →Na ⁺)	43 - 48	Sugar / Demineralization

FOOD

SAC

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® S 1568	Styrene/DVB gel	Na ⁺	810	MD: 0.60 (+/- 0.05)	1.1	2.0	12 (Na ⁺ →H ⁺)	45 – 50	Food / Lysine / Demineralization
Lewatit® S 1668	Styrene/DVB gel	Na ⁺	830	MD: 0.62 (+/- 0.05)	1.1	2.2	12 (Na ⁺ →H ⁺)	41 – 46	Food / Lysine / Demineralization
Lewatit® S 2328	Styrene/DVB macroporous	H ⁺	730	HD: 0.315 – 1.25	1.7	1.0	12 (Na ⁺ →H ⁺)	67 – 73	Sugar / Inversion
Lewatit® S 2568	Styrene/DVB macroporous	Na ⁺	740	MD: 0.65 (+/- 0.05)	1.1	1.7	10 (Na ⁺ →H ⁺)	50 – 55	Food / Sugar / Sweetener / Demineralization
Lewatit® S 2568 H	Styrene/DVB macroporous	H ⁺	720	MD: 0.67 (+/- 0.05)	1.1	1.6	10 (Na ⁺ →H ⁺)	56 – 61	Food / Sugar / Sweetener / Mixed bed

FOOD									
WBA									
Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): <small>Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)</small>	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® A 365	Polyacrylate macroporous	FB	720	HD: 0.4 – 1.6	1.8	3.4	25 (FB→Cl ⁻)	43 – 54	Food / Demineralization
Lewatit® S 4228	Styrene/DVB macroporous	FB / Cl ⁻	610	HD: 0.4 – 1.25	1.6	1.6	30 (FB→Cl ⁻)	53 – 59	Food / Sweetener Demineralization
Lewatit® S 4268	Styrene/DVB macroporous	FB / Cl ⁻	600	MD: 0.59 (+/- 0.05)	1.1	1.3	25 (FB→Cl ⁻)	60 – 65	Food / Sweetener Demineralization
Lewatit® S 4328	Styrene/DVB macroporous	FB / Cl ⁻	605	HD: 0.4 – 1.25	1.6	1.4	25 (FB→Cl ⁻)	51 – 58	Food / Sweetener Demineralization
Lewatit® S 4468	Styrene/DVB macroporous	FB / Cl ⁻	620	MD: 0.55 (+/- 0.05)	1.1	1.6	30 (FB→Cl ⁻)	52 – 57	Food / Sweetener Demineralization / Low Isomerization
Lewatit® S 4528	Styrene/DVB macroporous	FB	620	HD: 0.4 – 1.25	1.6	1.7	48 (FB→Cl ⁻)	43 – 51	Food / Sweetener Demineralization
Lewatit® S 5221	Polyacrylate macroporous	FB	740	HD: 0.4 – 1.6	1.8	2.8	26 (FB→Cl ⁻)	52 – 63	Food / Whey / Demineralization
Lewatit® S 5228	Polyacrylate gel	FB	740	HD: 0.4 – 1.6	1.8	1.6	25 (FB→Cl ⁻)	53 – 61	Food / Whey / Demineralization
Lewatit® S 5328	Polyacrylate gel	FB / Cl ⁻	710	HD: 0.4 – 1.6	1.8	1.25	14 (FB/Cl ⁻ →Cl ⁻)	56 – 64	Food / Whey / Demineralization

FOOD									
SBA – Type I									
Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): <small>Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)</small>	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® S 5128	Polyacrylate gel	Cl ⁻	730	HD: 0.4 – 1.6	1.8	1.35	25 (Cl ⁻ →OH ⁻)	48-55	Sugar / Decolorization
Lewatit® S 5528	Polyacrylate macroporous	Cl ⁻	720	HD: 0.4 – 1.6	1.8	0.85	25 (Cl ⁻ →OH ⁻)	63 – 71	Sugar / Decolorization
Lewatit® S 6268	Styrene/DVB gel	Cl ⁻	690	MD: 0.62 (+/- 0.05)	1.1	1.2	25 (Cl ⁻ →OH ⁻)	53 – 60	Sugar / Decolorization
Lewatit® S 6368 A	Styrene/DVB macroporous	Cl ⁻	600	MD: 0.62 (+/- 0.05)	1.1	1.0	22 (Cl ⁻ →OH ⁻)	60 – 65	Sugar / Decolorization / Demineralization
Lewatit® S 6368 A OH	Styrene/DVB macroporous	OH ⁻	650	MD: 0.66 (+/- 0.05)	1.1	0.8	22 (Cl ⁻ →OH ⁻)	72 – 80	Sugar / Decolorization / Demineralization
Lewatit® S 6368 A SO4	Styrene/DVB macroporous	SO ₄ ²⁻	680	MD: 0.63 (+/- 0.05)	1.1	1.0 (Cl ⁻)	22 (Cl ⁻ →OH ⁻)	60 – 65	Sugar / Decolorization / Demineralization

FOOD									
SBA – Type II									
Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): <small>Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)</small>	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® S 7468	Styrene/DVB macroporous	Cl ⁻	650	MD: 0.60 (+/- 0.05)	1.1	1.0	15 (Cl ⁻ →OH ⁻)	58 – 63	Sweetener / mixed bed polisher

FOOD									
ADS									
Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Surface BET (m ² /g) approx.	Pore Volume (cm ³ /g) approx.	Water Retention (%)	Applications
Lewatit [®] AF 5	Carbon microporous	None	620	HD: 1.4 – 1.8	-	1200	0.15	32 – 37	Food / Polisher / HMF removal
Lewatit [®] S 7968	Styrene/DVB macroporous	None	600	MD: 0.49 (+/- 0.05)	1.1	800	1.2	54 – 63	Food / Polisher / Debitting

FOOD									
Separation SAC									
Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 10%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit [®] MDS 1268 Ca 290	Styrene/DVB gel	Ca ²⁺	800	MD: 0.29 (+/- 0.03)	1.15	1.5 (H)	-	55– 67 (H)	Sweetener / Glucose / Fructose separation
Lewatit [®] MDS 1268 K 290	Styrene/DVB gel	K ⁺	830	MD: 0.29 (+/- 0.03)	1.15	1.5 (H)	-	55 – 67 (H)	Sugar / Separation of Molasses
Lewatit [®] MDS 1268 Ca 310	Styrene/DVB gel	Ca ²⁺	800	MD: 0.31 (+/- 0.03)	1.15	1.5 (H)	-	55 – 67 (H)	Sweetener / Glucose / Fructose separation
Lewatit [®] MDS 1268 K 310	Styrene/DVB gel	K ⁺	830	MD: 0.31 (+/- 0.03)	1.15	1.5 (H)	-	55 – 67 (H)	Sugar / Separation of Molasses
Lewatit [®] MDS 1268 K 350	Styrene/DVB gel	K ⁺	830	MD: 0.35 (+/- 0.03)	1.15	1.5 (H)	-	55 – 67 (H)	Sugar / Separation of Molasses
Lewatit [®] MDS 1368 Ca 290	Styrene/DVB gel	Ca ²⁺	780	MD: 0.29 (+/- 0.03)	1.15	1.8 (H)	-	47 – 53 (H)	Sweetener / Glucose / Fructose separation
Lewatit [®] MDS 1368 Ca 320	Styrene/DVB gel	Ca ²⁺	780	MD: 0.32 (+/- 0.03)	1.15	1.8 (H)	-	47 – 53 (H)	Sweetener / Glucose / Fructose separation
Lewatit [®] MDS 1368 Ca 350	Styrene/DVB gel	Ca ²⁺	780	MD: 0.35 (+/- 0.03)	1.15	1.8 (H)	-	47 – 53 (H)	Sweetener / Glucose / Fructose separation
Lewatit [®] MDS 1368 K 320	Styrene/DVB gel	K ⁺	830	MD: 0.32 (+/- 0.03)	1.15	1.8 (H)	-	47 – 53 (H)	Sugar / Separation of Molasses
Lewatit [®] MDS 1368 Na 320	Styrene/DVB gel	Na ⁺	820	MD: 0.32 (+/- 0.03)	1.15	1.8 (H)	-	47 – 53 (H)	Sugar / Separation of Molasses
Lewatit [®] MDS 1368 Na 350	Styrene/DVB gel	Na ⁺	820	MD: 0.35 (+/- 0.03)	1.15	1.8 (H)	-	47 – 53 (H)	Sugar / Separation of Molasses
Lewatit [®] MDS 1468 Ca 220	Styrene/DVB gel	Ca ²⁺	870	MD: 0.22 (+/- 0.03)	1.15	1.8 (H)	-	50 – 57 (H)	Sweetener / Glucose / Fructose separation
Lewatit [®] MDS 2368	Styrene/DVB gel	Na ⁺	760	MD: 0.38 (+/- 0.05)	1.15	1.0	-	63 – 68	Sweetener / Size separation

FOOD

Separation WBA

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® MDS 4368	Styrene/DVB macroporous	FB / Cl ⁻	665	MD: 0.35 (+/- 0.05)	1.15	1.4	25 (FB→Cl ⁻)	61 – 66	Food / Glucose / Organic acid separation

WATER TREATMENT

WAC

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® CNP 80	Polyacrylate, porous	H ⁺	750	HD: 0.315 – 1.6	1.8	4.3	64 (H ⁺ →Na ⁺)	45 – 50	Water treatment, decarbonization
Lewatit® CNP 80 WS	Polyacrylate, porous	H ⁺	750	HD: 0.4 – 1.6	1.8	4.5	64 (H ⁺ →Na ⁺)	45 – 50	Water treatment, decarbonization

WATER TREATMENT

SAC

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): <small>Monodisperse (MD, mean value) Heterodisperse (HD, share >90%)</small>	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® C 249	Styrene/DVB gel	Na ⁺	830	HD: 0.4 – 1.25	1.6	2.0	8 (Na ⁺ →H ⁺)	45 – 48	Water treatment, demineralization
Lewatit® C 267	Styrene/DVB gel	H ⁺	800	HD: 0.3 – 1.25	1.6	1.9	-8 (H ⁺ →Na ⁺)	49 – 55	Demineralization
Lewatit MonoPlus® S 107 NS	Styrene/DVB gel	Na ⁺	810	MD: 0.60 (+/- 0.05)	1.1	2.0	12 (Na ⁺ →H ⁺)	44 – 50	Demineralization
Lewatit MonoPlus® S 108	Styrene/DVB gel	Na ⁺	830	MD: 0.62 (+/- 0.05)	1.1	2.2	10 (Na ⁺ →H ⁺)	41 – 46	Demineralization
Lewatit MonoPlus® S 108 H	Styrene/DVB gel	H ⁺	790	MD: 0.65 (+/- 0.05)	1.1	2.0	-10 (H ⁺ →Na ⁺)	47 – 53	Demineralization
Lewatit MonoPlus® S 108 KR	Styrene/DVB gel	H ⁺	790	MD: 0.65 (+/- 0.05)	1.1	2.0	-10 (H ⁺ →Na ⁺)	47 – 53	Nuclear grade cation exchanger for decontamination
Lewatit MonoPlus® SP 112	Styrene/DVB, macroporous	Na ⁺	740	MD: 0.65 (+/- 0.05)	1.1	1.7	8 (Na ⁺ →H ⁺)	52 – 57	Demineralization
Lewatit MonoPlus® SP 112 H	Styrene/DVB, macroporous	H ⁺	740	MD: 0.67 (+/- 0.05)	1.1	1.6	-8 (H ⁺ →Na ⁺)	56 – 60	Demineralization
Lewatit MonoPlus® SP 112 KR	Styrene/DVB, macroporous	H ⁺	740	MD: 0.67 (+/- 0.05)	1.1	1.6	-8 (H ⁺ →Na ⁺)	56 – 60	Demineralization
Lewatit® S 1567	Styrene/DVB, gel	Na ⁺	810	MD: 0.60 (+/- 0.05)	1.1	2.0	12 (Na ⁺ →H ⁺)	44 – 50	Water treatment, softening, prod. without solvents, food grade
Lewatit MonoPlus® S 200 H	Styrene/DVB gel	H ⁺	790	MD: 0.60 (+/- 0.05)	1.1	2.1	-6 (H ⁺ →Na ⁺)	45 – 50	Higher crosslinked cation for condensate polishing
Lewatit® MDS 200 H	Styrene/DVB gel	H ⁺	790	MD: 0.33 (+/- 0.05)	1.1	2.0,	-6 (H ⁺ →Na ⁺)	45 – 50	Higher crosslinked cation with a small diameter
Lewatit MonoPlus® S 200 KR	Styrene/DVB gel	H ⁺	790	MD: 0.60 (+/- 0.05)	1.1	2.1	-6 (H ⁺ →Na ⁺)	45 – 50	Nuclear grade cation for condensate polishing and decontamination
Lewatit MonoPlus® S 215 KR	Styrene/DVB gel	H ⁺	800	MD: 0.60 (+/- 0.05)	1.1	2.4	-6 (H ⁺ →Na ⁺)	35 – 45	Nuclear grade cation for condensate polishing and decontamination
Lewatit® S 100 G1	Styrene/DVB gel	H ⁺	760	HD: 0.5 - 1.25	1.6	1.8	-8 (H ⁺ →Na ⁺)	50 – 55	Demineralization
Lewatit® UltraPure 1211 MD	Styrene/DVB gel	Na ⁺	830	MD: 0.62 (+/- 0.05)	1.1	2.2	10 (Na ⁺ →H ⁺)	41 – 46	Uniform particle size high purity cationic exchanger
Lewatit® UltraPure 1213 MD	Styrene/DVB gel	H ⁺	790	MD: 0.60 (+/- 0.05)	1.1	2.0	-6 (H ⁺ →Na ⁺)	45 – 55	Uniform particle size high purity cationic exchanger
Lewatit® UltraPure 1216 MD	Styrene/DVB gel	H ⁺	790	MD: 0.55 (+/- 0.05)	1.1	2.1	-8 (H ⁺ →Na ⁺)	45 - 50	Uniform particle size high purity cationic exchanger
Lewatit® UltraPure 1221 MD	Styrene/DVB macroporous	Na ⁺	750	MD: 0.65 (+/- 0.05)	1.1	1.75	8 (Na ⁺ →H ⁺)	52 – 56	Uniform particle size high purity cationic exchanger

WATER TREATMENT

WBA

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): <small>Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)</small>	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® A 365	Polyacrylate macroporous	FB	730	HD: 0.4 – 1.6	1.7	3.4	16 (FB →Cl ⁻)	44 – 51	Food grade anion exchanger for demineralization
Lewatit® A 8072	Polyacrylate gel	FB	740	HD: 0.50-0,75 (effective size)	1.8	1.6	25 (FB →Cl ⁻)	52 – 62	Water treatment, demineralization
Lewatit® A 8072+	Polyacrylate gel	FB	710	HD: 0.50-0,64 (effective)	1.6	1.4	12 (FB →Cl ⁻)	56 – 64	Water treatment, demineralization, reduced rinse water demand
Lewatit® MP 62	Styrene/DVB macroporous	FB	620	HD: 0.47 (+/- 0.06, effective)	1.8	1.7	45 (FB →Cl ⁻)	50 – 55	Water treatment, demineralization

WATER TREATMENT

MBA

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): <small>Monodisperse (MD, mean value) Heterodisperse: (HD, share >90%)</small>	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® A 8073	Polyacrylate gel	FB / Cl ⁻	710	HD: 0.50 – 0,75 (effective size)	1.8	1.2	Total: 14 (delivery form →OH ⁻)	56 – 64	Water treatment, demineralization
Lewatit MonoPlus® MP 64	Styrene/DVB macroporous	FB / Cl ⁻	620	MD: 0.59 (+/- 0.05)	1.1	1.3	Total: 24 (delivery form →OH ⁻)	61 – 66	Water treatment, demineralization
Lewatit MonoPlus® MP 68	Styrene/DVB macroporous	FB / Cl ⁻	600	MD: 0.54 (+/- 0.05)	1.1	1.3	Total: 24 (delivery form →OH ⁻)	54 – 60	Water treatment, demineralization
Lewatit® UltraPure 1231 MD	Styrene/DVB macroporous	FB / Cl ⁻	620	MD: 0.60 (+/- 0.05)	1.1	1.4	Total: 24 (delivery form →OH ⁻)	61 – 66	Water treatment, demineralization

WATER TREATMENT

SBA – Type I

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): Monodisperse (MD, mean value) Heterodisperse (HD, share >90%)	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® A 8071	Polyacrylate gel	Cl ⁻	740	HD: 0.50 – 0,75 (effective size)	1.8	1.35	25 (Cl ⁻ →OH ⁻)	48 – 55	Deminerlization, absorption of TOC
Lewatit® ASB 1	Styrene/DVB gel	Cl ⁻	700	HD: 0.315 – 1.25	1.6	1.4	20 (Cl ⁻ →OH ⁻)	43 – 48	Deminerlization
Lewatit® ASB 1 OH	Styrene/DVB gel	OH ⁻	650	HD: 0.315 – 1.25	1.6	1.15	20 (Cl ⁻ →OH ⁻)	55 – 60	Deminerlization
Lewatit® ASB 1 P	Styrene/DVB gel	Cl ⁻	656	HD: 0.315 – 1.25	1.6	1.3	20 (Cl ⁻ →OH ⁻)	49 – 56	Deminerlization
Lewatit MonoPlus® M 500	Styrene/DVB gel	Cl ⁻	690	MD: 0.62 (+/- 0.05)	1.1	1.3	20 (Cl ⁻ →OH ⁻)	48 – 55	Deminerlization
Lewatit MonoPlus® M 508	Styrene/DVB gel	Cl ⁻	670	MD: 0.60 (+/- 0.05)	1.1	1.3	20 (Cl ⁻ →OH ⁻)	51 - 58	Deminerlization
Lewatit MonoPlus® M 500 MB	Styrene/DVB gel	Cl ⁻	690	MD: 0.61 (+/- 0.04)	1.1	1.3	22 (Cl ⁻ →OH ⁻)	48 – 55	Deminerlization, for mixed bed application
Lewatit MonoPlus® M 500 OH	Styrene/DVB gel	OH ⁻	660	MD: 0.64 (+/- 0.05)	1.1	1.1	-18 (OH ⁻ →Cl ⁻)	62 – 67	Deminerlization
Lewatit MonoPlus® M 500 KR	Styrene/DVB gel	OH ⁻	680	MD: 0.64 (+/- 0.05)	1.1	1.1	-18 (OH ⁻ →Cl ⁻)	62 – 67	For rad waste removal, deminerlization, and decontamination
Lewatit MonoPlus® M 800	Styrene/DVB gel	Cl ⁻	650	MD: 0.59 (+/- 0.05)	1.1	1.4	18 (Cl ⁻ →OH ⁻)	45 – 50	Deminerlization, ideal for mixed bed applications
Lewatit MonoPlus® M 800 OH	Styrene/DVB gel	OH ⁻	680	MD: 0.64 (+/- 0.05)	1.1	1.2	-18 (OH ⁻ →Cl ⁻)	60 – 65	Deminerlization
Lewatit MonoPlus® M 800 KR	Styrene/DVB gel	OH ⁻	680	MD: 0.64 (+/- 0.05)	1.1	1.2	-18 (OH ⁻ →Cl ⁻)	60 – 65	Low chloride content, for rad waste removal, deminerlization, and decontamination
Lewatit MonoPlus® M 800 KRI	Styrene/DVB gel	OH ⁻	680	MD: 0.64 (+/- 0.05)	1.1	1.2	-18 (OH ⁻ →Cl ⁻)	60 – 65	Ultra low chloride and sulfate content, for rad waste removal, deminerlization, and decontamination
Lewatit MonoPlus® MP 500	Styrene/DVB macroporous	Cl ⁻	640	MD: 0.62 (+/- 0.05)	1.1	1.1	22 (Cl ⁻ →OH ⁻)	60 – 65	Deminerlization, absorption of TOC
Lewatit MonoPlus® MP 500 OH	Styrene/DVB macroporous	OH ⁻	650	MD: 0.65 (+/- 0.05)	1.1	0.9	-20 (OH ⁻ →Cl ⁻)	70 – 75	Deminerlization, absorption of TOC
Lewatit MonoPlus® MP 800	Styrene/DVB macroporous	Cl ⁻	620	MD: 0.62 (+/- 0.05)	1.1	1.0	20 (Cl ⁻ →OH ⁻)	63 – 68	Deminerlization, absorption of TOC
Lewatit MonoPlus® MP 800 OH	Styrene/DVB macroporous	OH ⁻	650	MD: 0.65 (+/- 0.05)	1.1	0.8	-20 (OH ⁻ →Cl ⁻)	70 – 75	Water treatment, deminerlization, absorption of TOC
Lewatit MonoPlus® MP 800 KR	Styrene/DVB macroporous	OH ⁻	650	MD: 0.65 (+/- 0.05)	1.1	0.8	-20 (OH ⁻ →Cl ⁻)	70 – 75	Water treatment, deminerlization, absorption of TOC
Lewatit® UltraPure 1241 MD	Styrene/DVB gel	Cl ⁻	700	MD: 0.60 (+/- 0.05)	1.1	1.3	22 (Cl ⁻ →OH ⁻)	48 – 55	Ultra pure water
Lewatit® Ultrapure 1243 MD	Styrene/DVB gel	OH ⁻	650	MD: 0.60 (+/- 0.07)	1.1	1.1	-22 (OH ⁻ →Cl ⁻)	55 – 65	Ultra pure water
Lewatit® Ultrapure 1261 MD	Styrene/DVB macroporous	Cl ⁻	640	MD: 0.65 (+/- 0.05)	1.1	1.1	22 (Cl ⁻ →OH ⁻)	60 – 65	Ultra pure water
Lewatit® VP OC 1074	Polyacrylate macroporous	Cl ⁻	720	HD: 0.4 – 1.6	1.8	0.85	20 (Cl ⁻ →OH ⁻)	66 – 72	Deminerlization, absorption of TOC (e.g. decolorization)

WATER TREATMENT

SBA – Type II

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): <small>Monodisperse (MD, mean value) Heterodisperse (HD, share >90%)</small>	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit MonoPlus® M 600	Styrene/DVB gel	Cl ⁻	680	MD: 0.62 (+/- 0.05)	1.1	1.3	16 (Cl ⁻ →OH ⁻)	45 – 50	Demineralization
Lewatit MonoPlus® MP 600	Styrene/DVB macroporous	Cl ⁻	630	MD: 0.60 (+/- 0.05)	1.1	1.1	12 (Cl ⁻ →OH ⁻)	55 – 60	Demineralization, absorption of TOC
Lewatit® ASB 2	Styrene/DVB gel	Cl ⁻	700	HD: 0.3 – 1.25	1.6	1.4	20 (Cl ⁻ →OH ⁻)	38 – 45	Demineralization, for waters with a low silica concentration

WATER TREATMENT

Mixed Bed: SAC/SBA

Product	Product Matrix	Ionic Form	Shipping Weight (g/l) +/- 5%	Bead Size (mm): <small>Monodisperse (MD, mean value) Heterodisperse (HD, share >90%)</small>	Uniformity Coefficient max.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® NM 60	Styrene/DVB, gel	H ⁺ / OH ⁻	690	HD: 0.315 – 1.25	1.8	0.55**	- 15 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	50 – 60	Production of very pure water
Lewatit® NM 60 SG	Styrene/DVB gel	H ⁺ / OH ⁻	690	HD: 0.315 – 1.25	1.8	0.55**	- 15 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	50 - 60	Production of very pure water for the semiconductor industry
Lewatit® NM 91	Styrene/DVB gel	H ⁺ / OH ⁻	740	HD: 0.315 – 1.25	1.9	0.30**	- 15 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	50 – 60	Deminerlizing water in cartridges, cleaning of sewage water, electro erosion
Lewatit® NM 3367	Styrene/DVB gel	H ⁺ / OH ⁻	690	HD: 0,315-1,25	1,8	0,55**	- 20 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	50 – 60	Deminerlizing water in cartridges, stable pH of treated water
Lewatit® SM 600 KR CI-frei	Styrene/ DVB gel	H ⁺ / OH ⁻	700	MD: 0.65 +/- 0.05 A 0.64 +/- 0.05 C	1.1 C / 1.1 A	2.0 C / 1.1 A	-15 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	47 – 62	Deminerlization, decontamination and elimination of rad waste
Lewatit MonoPlus® SM 1000 KR	Styrene/ DVB gel	H ⁺ / OH ⁻	720	MD: 0.65 +/- 0.05 A 0.60 +/- 0.05 C	1.1 C / 1.1 A	2.1 C / 1.2 A	-14 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	45 – 62	Deminerlization, decontamination and elimination of rad waste
Lewatit MonoPlus® SM 1015 KR	Styrene/ DVB gel	H ⁺ / OH ⁻	720	MD: 0.65 +/- 0.05 A 0.60 +/- 0.05 C	1.1 C / 1.1 A	2.4 C / 1.2 A	-14 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	35 – 62	Deminerlization, decontamination and elimination of rad waste
Lewatit MonoPlus® SMP 1000 KR	Styrene/DVB macroporous	H ⁺ / OH ⁻	720	MD: 0.67 +/- 0.05 A 0.65 +/- 0.05 C	1.1 C / 1.1 A	1.7 C / 0.8 A	-14 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	56 – 75	Deminerlization, decontamination and elimination of rad waste
Lewatit MonoPlus® SM 1000 KR ⁷ Li	Styrene/ DVB gel	Li ⁷⁺ / OH ⁻	720	MD: 0.65 +/- 0.05 A 0.60 +/- 0.05 C	1.1 C / 1.1 A	2.1 C / 1.2 A	-14 (H ⁺ , Li ⁷⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	45 – 62	Deminerlization, decontamination and elimination of rad waste
Lewatit MonoPlus® SM 1015 KR ⁷ Li	Styrene/ DVB gel	Li ⁷⁺ / OH ⁻	720	MD: 0.65 +/- 0.05 A 0.60 +/- 0.05 C	1.1 C / 1.1 A	2.4 C / 1.2 A	-14 (H ⁺ , Li ⁷⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	35 – 62	Deminerlization, decontamination and elimination of rad waste
Lewatit® Ultrapure 1292 MD	Styrene/DVB gel	H ⁺ / OH ⁻	720	MD: 0.64 +/- 0.05 A 0.60 +/- 0.05 C	1.1 C / 1.1 A	2.1 C / 1.1 A	- 15 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	45 - 62	Ultra pure water, very low TOC leaching
Lewatit® Ultrapure 1294 MD	Styrene/DVB gel	H ⁺ / OH ⁻	710	MD: 0.60 +/- 0.07 A 0.60 +/- 0.05 C	1.1 C / 1.1 A	2.1 C / 1.1 A	-15 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	45 - 62	Polishing to get 18+ megohm water (pharmaceutical and semiconductor industries)
Lewatit® Ultrapure 1296 MD	Styrene/DVB gel	H ⁺ / OH ⁻	710	MD: 0.60 +/- 0.07 A 0.50 +/- 0.05 C	1.1 C / 1.1 A	2.0 C / 1.1 A	-15 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	45 - 62	Polishing to get 18+ megohm water (pharmaceutical and semiconductor industries)
Lewatit® Ultrapure 1297 MD	Styrene/ DVB gel	H+ / OH-	720	MD: 0.61 +/- 0.02 A 0.33 +/- 0.02 C	1.1 C / 1.1 A	2.0 C / 1.2 A	- 14 (H+/OH- → Ca2+,Mg2+, SO42-,Cl-)	45 - 62	Polishing to get 18+ megohm water (pharmaceutical and semiconductor industries), less separable

** operational capacity, end point 0.02 MOhm*cm

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LANXESS Deutschland GmbH
Business Unit
Liquid Purification Technologies
Kennedyplatz 1
50569 Cologne, Germany

Phone: +49 221 8885-0
email: lewatit@lanxess.com

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