

PRODUCT



GUIDE

**Portfolio of Lewatit[®]
ion exchange resins**

X Lewatit[®]

LANXESS
Energizing Chemistry

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CATALYSIS & CHEMICALS PROCESSING

WAC (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 207	Styrene/DVB macroporous	Na ⁺	720	MD: 0.35 (+/- 0.05)	1.1	2.0	-25 (Na ⁺ →H ⁺)	55 – 60	Hydrometallurgy, Mining
Lewatit [®] MDS TP 208	Styrene/DVB macroporous	Na ⁺	740	MD: 0.39 (+/- 0.03)	1.1	2.8	-35 (Na ⁺ →H ⁺)	59 – 65	Hydrometallurgy, Mining
Lewatit [®] MDS TP 260	Styrene/DVB macroporous	Na ⁺	784	MD: 0.42 (+/- 0.05)	1.1	3.3 – 3.5	-41 (Na ⁺ →H ⁺)	63	Hydrometallurgy, Mining
Lewatit [®] MonoPlus [®] TP 207	Styrene/DVB macroporous	Na ⁺	720	MD: 0.65 (+/- 0.05)	1.1	2.0	-25 (Na ⁺ →H ⁺)	55 – 60	Hydrometallurgy, Mining
Lewatit [®] MonoPlus [®] TP 207 XL	Styrene/DVB, macroporous	Na ⁺	720	MD: 0.79 (+/- 0.05)	1.1	2.0	-25 (Na ⁺ →H ⁺)	55 - 60	Hydrometallurgy, Mining
Lewatit [®] MonoPlus [®] TP 208	Styrene/DVB macroporous	Na ⁺	740	MD: 0.65 (+/- 0.05)	1.1	2.5	-30 (Na ⁺ →H ⁺)	58 – 64	Hydrometallurgy, Mining
Lewatit [®] MonoPlus [®] TP 260	Styrene/DVB, macroporous	Na ⁺	720	MD: 0.63 (+/- 0.05)	1.1	2.4	-35 (Na ⁺ →H ⁺)	58 - 62	Hydrometallurgy, Mining
Lewatit [®] TP 207	Styrene/DVB macroporous	Na ⁺	720	HD: 0.4 – 1.25	1.7	2.2	-30 (Na ⁺ →H ⁺)	53 - 58	Hydrometallurgy, Mining
Lewatit [®] TP 208	Styrene/DVB macroporous	Na ⁺	740	HD: 0.4 – 1.25	1.8	2.9	-35 (Na ⁺ →H ⁺)	55 - 60	Hydrometallurgy, Mining
Lewatit [®] TP 260	Styrene/DVB macroporous	Na ⁺	720	HD: 0.4 – 1.25	1.8	2.3	-25 (Na ⁺ →H ⁺)	52 – 58	Hydrometallurgy, Mining

CATALYSIS & CHEMICALS PROCESSING

SAC (Catalyst 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 [®] GF 101	Styrene/DVB macroporous	H ⁺	725	HD: 0.4 – 1.25	1.6	4.7	-	55 - 65	Catalysis, Biodiesel
Lewatit [®] GF 202	Styrene/DVB macroporous	Na ⁺	740	MD: 0.65 (+/- 0.05)	1.1	200 g glycerol / l	-	66 - 72	Biodiesel purification
Lewatit [®] K 1131 S	Styrene/DVB gel	H ⁺	770	HD: 0.5 – 1.6	1.6	0.65	-	78 - 82	Catalysis
Lewatit [®] K 1221	Styrene/DVB gel	H ⁺	760	HD: 0.4 – 1.25	1.6	1.2	-	65 – 69	Catalysis
Lewatit [®] K 1461 black	Styrene/DVB gel	H ⁺	795	MD: 0.65 (+/- 0.06)	1.1	1.8	-	47 – 53	Catalysis
Lewatit [®] K 2420	Styrene/DVB macroporous	H ⁺	740	HD: 0.5 – 1.6	1.8	1.4	-	63 – 68	Catalysis / High temperature
Lewatit [®] K 2431	Styrene/DVB macroporous	H ⁺	770	HD: 0.4 – 1.6	1.7	1.2	-	48 – 54	Catalysis
Lewatit [®] K 2620	Styrene/DVB macroporous	H ⁺	760	HD: 0.4 – 1.25	1.6	1.9	-	50 – 55	Catalysis / High temperature
Lewatit [®] K 2621	Styrene/DVB macroporous	H ⁺	760	HD: 0.4 – 1.25	1.6	1.4	-	57 – 63	Catalysis
Lewatit [®] K 2624	Styrene/DVB macroporous	H ⁺ / Pd	760	HD: 0.4 – 1.25	1.6	1.4	-	57 – 63	Catalysis / Trifunctional
Lewatit [®] K 2629	Styrene/DVB macroporous	H ⁺	760	HD: 0.4 – 1.25	1.6	1.7	-	50 - 55	Catalysis
Lewatit [®] K 2649	Styrene/DVB macroporous	H ⁺	450	HD: 0.4 – 1.25	1.6	4.7	-	< 2 (resid. moisture)	Catalysis
Regler ZL	Styrene/DVB gel	H ⁺	450	< 0.032	-	4.8	-	<4 (resid. moisture)	Catalysis

CATALYSIS & CHEMICALS PROCESSING

WBA (Specialties)

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® FO 36	Styrene/DVB macroporous	FeO(OH)	760	MD: 0.36 (+/- 0.02)	1.1	40 g As/l	-	53 - 58	Specialized water
Lewatit® K 3433	Styrene/DVB macroporous	FB / Pd	670	HD: 0.4 - 1.25	1.6	-	-	50 - 55	Catalysis / Deoxygenation
Lewatit MonoPlus® MK 51	Styrene/DVB macroporous	FB / Cl ⁻	710	HD: 0.3 - 1.6	1.7	6 g B / l	-	48 - 55	Specialized water
Lewatit® MP 62 WS	Styrene/DVB macroporous	FB	620	HD: 0.4 - 1.25	1.6	-	45 (FB → Cl ⁻)	50 - 55	Catalysis / Deoxygenation
Lewatit® VP OC 1065	Styrene/DVB macroporous	FB	670	HD: 0.3 - 1.25	1.8	2.2	-	65 - 70	Reactive resin

CATALYSIS & CHEMICALS PROCESSING

MBA (Specialties)

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 408	Styrene/DVB macroporous	FB / Cl ⁻	665	MD: 0.34 (+/- 0.04)	1.1	1.4	26 (delivery form → Cl ⁻)	59 - 64	Removal of almost all kinds of negatively charged, naturally occurring organic matter and of heavy metal anions

CATALYSIS & CHEMICALS PROCESSING

SBA (Catalyst 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⁻	640	MD: 0.64 (+/- 0.06)	1.1	1.1	16	58 - 64	Removal of natural organic material, uranium carbonate complexes and sulphate from potable water
Lewatit® K 6267	Styrene/DVB gel	Cl ⁻	650	MD: 0.85 - 0.95	1.1	1.2	-	42 - 47	Hydrometallurgy, Mining
Lewatit® K 6333	Styrene/DVB gel	Cl ⁻ / Pd	770	MD: 0.62 (+/- 0.05)	1.1	-	-	48 - 56	Catalysis / Deoxygenation
Lewatit® K 6362	Styrene/DVB gel	Cl ⁻	690	MD: 0.62 (+/- 0.05)	1.1	1.2	22 (Cl ⁻ → OH ⁻)	48 - 55	Hydrometallurgy, Mining
Lewatit® K 6462	Styrene/DVB gel	Cl ⁻	650	MD: 0.59 (+/- 0.05)	1.1	1.4	22 (Cl ⁻ → OH ⁻)	45 - 50	Hydrometallurgy, Mining
Lewatit® K 7333	Styrene/DVB gel	OH ⁻ / Pd	680	MD: 0.64 (+/- 0.05)	1.1	-	-	62 - 67	Catalysis / Deoxygenation
Lewatit® K 7367	Styrene/DVB gel	Cl ⁻	620	MD: 0.62 (+/- 0.06)	1.1	1.0	20 (Cl ⁻ → OH ⁻)	63 - 68	Hydrometallurgy, Mining
Lewatit MonoPlus® SR 7	Styrene/DVB macroporous	Cl ⁻	660	HD: 0.3 - 1.25	1.6	0.6	5 (Cl ⁻ → NO ₃ ⁻)	52 - 67	Specialized water

CATALYSIS & CHEMICALS PROCESSING

Neutral

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 214	Styrene/DVB macroporous	Thiourea	680	MD: 0.55 (+/- 0.05)	1.1	-	-	43 – 48	Hydrometallurgy, Mining
Lewatit® VP OC 1026	Styrene/DVB macroporous	DEHPA	600	HD: 0.3 – 1.6	1.8	-	-	50 – 60	Hydrometallurgy, Mining
Lewatit® VP OC 1064 MD	DVB / porous	-	680	MD: 0.49 (+/- 0.05)	1.1	-	-	56 – 62	Adsorption

FOOD

WAC

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 [®] CNP C	Polyacrylate macroporous	H ⁺	770	HD: 0.4 – 1.6	1.8	4.0	7 (H ⁺ →Ca ²⁺)	52 – 58	Cartridge / Dealkalization
Lewatit [®] CNP LF	Polyacrylate macroporous	H ⁺	750	HD: 0.32 – 1.6	1.8	4.3	7 (H ⁺ →Ca ²⁺)	45 – 50	Cartridge / Dealkalization
Lewatit [®] CNP LF Na	Polyacrylate macroporous	H ⁺ / Na ⁺	760	HD: 0.32 – 1.6	1.8	4.3 (H)	7 (H ⁺ →Ca ²⁺)	48 – 56	Cartridge / Softening, Dealkalization
Lewatit [®] CNP LF Na Ag	Polyacrylate macroporous	H ⁺ / Na ⁺ / Ag	760	HD: 0.32 – 1.6	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	4.3	7 (H ⁺ →Ca ²⁺)	48 – 54	Cartridge / Dealkalization
Lewatit [®] CNP SF 2	Polyacrylate macroporous	H ⁺	750	HD: 0.2 – 0.5	1.6	4.3	7 (H ⁺ →Ca ²⁺)	45 – 50	Cartridge / Dealkalization
Lewatit [®] S 8227	Polyacrylate macroporous	H ⁺	770	HD: 0.4 – 1.6	1.8	4.3	7 (H ⁺ →Ca ²⁺)	48 – 56	Cartridge / Dealkalization
Lewatit [®] S 8227 Ca	Polyacrylate macroporous	Ca ²⁺	820	HD: 0.4 – 1.6	1.8	4.3	-10 (Ca ²⁺ →H ⁺)	45 – 50	Cartridge
Lewatit [®] S 8227 Mg	Polyacrylate macroporous	Mg ²⁺	800	HD: 0.4 – 1.6	1.8	4.3	-30 (Mg ²⁺ →Ca ²⁺)	52 – 58	Cartridge
Lewatit [®] S 8229	Polyacrylate macroporous	H ⁺ / Na ⁺	770	HD: 0.4 – 1.6	1.8	4.2	7 (H ⁺ →Ca ²⁺)	48 – 56	Cartridge / Softening, Dealkalization
Lewatit [®] S 8229 dry	Polyacrylate macroporous	H ⁺ / Na ⁺	770	HD: 0.4 – 1.6	1.8	4.2	7 (H ⁺ →Ca ²⁺)	48 – 56	Cartridge / Softening, Dealkalization
Lewatit [®] S 8229 Mg	Polyacrylate macroporous	H ⁺ / Na ⁺ / Mg ²⁺	820	HD: 0.4 – 1.6	1.8	4.3 (H)	-8 (H ⁺ /Na ⁺ / Mg ²⁺ →Ca ²⁺)	52 – 58	Cartridge / Softening, Dealkalization
Lewatit [®] S 8229 Plus	Polyacrylate macroporous	H ⁺ / Na ⁺	770	HD: 0.32 – 1.6	1.8	4.3 (H)	-4 (H ⁺ /Na ⁺ →Ca ²⁺)	48 – 56	Cartridge / Softening, Dealkalization
Lewatit [®] S 8229 Plus Ag	Polyacrylate macroporous	H ⁺ / Na ⁺ / Ag	780	HD: 0.4 – 1.6	1.8	4.3 (H)	-25 (H ⁺ /Na ⁺ →Ca ²⁺)	60 – 65	Cartridge / Softening, Dealkalization
Lewatit [®] S 8528	Polyacrylate macroporous	H ⁺	750	HD: 0.4 – 1.6	1.8	4.30	64 (H ⁺ →Na ⁺)	45 – 50	Sugar / Demineralization

FOOD

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 [®] S 1568	Styrene/DVB gel	Na ⁺	810	MD: 0.60 (+/- 0.05)	1.1	2.1	10 (Na ⁺ →H ⁺)	42 – 48	Food solutions / Demineralization lysine
Lewatit [®] S 1668	Styrene/DVB gel	Na ⁺	840	MD: 0.62 (+/- 0.05)	1.1	2.2	10 (Na ⁺ →H ⁺)	41 – 46	Food / Lysine / Demineralization
Lewatit [®] S 1668 L	Styrene/DVB gel	Na ⁺	840	MD: 0.61 (+/- 0.05)	1.1	2.2	10 (Na ⁺ →H ⁺)	40 – 45	Food / Sugar, Pectine / Softening
Lewatit [®] S 2328	Styrene/DVB macroporous	H ⁺	750	HD: 0.4 – 1.25	1.7	1.0	-10 (H ⁺ →Na ⁺)	65 – 75	Sugar / Inversion
Lewatit [®] S 2528	Styrene/DVB macroporous	Na ⁺	760	HD: 0.4 – 1.25	1.6	1.75	7 (Na ⁺ →H ⁺)	45 – 50	Food / Sugar / Sweetener / Demineralization
Lewatit [®] S 2568	Styrene/DVB macroporous	Na ⁺	740	MD: 0.65 (+/- 0.05)	1.1	1.7	8 (Na ⁺ →H ⁺)	52 – 57	Food / Sugar / Sweetener / Demineralization
Lewatit [®] S 2568 H	Styrene/DVB macroporous	H ⁺	740	MD: 0.67 (+/- 0.05)	1.1	1.6	-8 (H ⁺ →Na ⁺)	56 – 60	Food / Sugar / Sweetener / Mixed bed

FOOD
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® A 365	Polyacrylate macroporous	FB	730	HD: 0.4 – 1.6	1.7	3.4	16 (FB→Cl ⁻)	44 – 51	Food / Demineralization
Lewatit® S 4228	Styrene/DVB macroporous	FB / Cl ⁻	680	HD: 0.4 – 1.25	1.6	1.6	28 (FB→Cl ⁻)	51 – 56	Sugar / Sweetener / Demineralization
Lewatit® S 4268	Styrene/DVB macroporous	FB / Cl ⁻	620	MD: 0.59 (+/- 0.05)	1.1	1.3	20 (FB→Cl ⁻)	61 – 66	Food / Sweetener / Demineralization
Lewatit® S 4328	Styrene/DVB macroporous	FB / Cl ⁻	620	HD: 0.4 – 1.25	1.6	1.4	22 (FB→Cl ⁻)	57 – 63	Food / Sugar / Demineralization
Lewatit® S 4428	Styrene/DVB macroporous	FB / Cl ⁻	640	HD: 0.4 – 1.25	1.6	1.6	28 (FB→Cl ⁻)	52 – 58	Sweetener / Demineralization low inversion
Lewatit® S 4468	Styrene/DVB macroporous	FB / Cl ⁻	650	MD: 0.56 (+/- 0.05)	1.1	1.6	25 (FB→Cl ⁻)	52 – 58	Sweetener / Demineralization low inversion
Lewatit® S 4528	Styrene/DVB macroporous	FB	620	HD: 0.4 – 1.25	1.6	1.7	45 (FB→Cl ⁻)	46 – 52	Food / Sweetener Demineralization
Lewatit® S 5228	Polyacrylate gel	FB / Cl ⁻	680	HD: 0.4 – 1.25	1.8	1.5	25 (FB →Cl ⁻)	56 – 62	Food / Whey / Demineralization
Lewatit® S 5328	Polyacrylate gel	FB / Cl ⁻	670	HD: 0.55 (+/- 0.05) (effective bead size)	1.8	1.2	25 (FB →Cl ⁻)	57 – 65	Sugar / Whey / Demineralization

FOOD
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® S 5128	Polyacrylate macroporous	Cl ⁻	730	HD: 0.4 – 1.6	1.8	1.25	25 (Cl ⁻ →OH ⁻)	57 – 64	Sugar / Decolorization
Lewatit® S 5428	Polyacrylate macroporous	Cl ⁻	725	HD: 0.4 – 1.25	1.8	0.85	25 (Cl ⁻ →OH ⁻)	63 – 68	Sugar / Decolorization
Lewatit® S 5528	Polyacrylate macroporous	Cl ⁻	720	HD: 0.4 – 1.25	1.8	0.85	25 (Cl ⁻ →OH ⁻)	66 – 72	Sugar / Decolorization
Lewatit® S 6268	Styrene/DVB gel	Cl ⁻	690	MD: 0.56 (+/- 0.05)	1.1	1.2	25 (Cl ⁻ →OH ⁻)	48 – 55	Sugar / Decolorization
Lewatit® S 6328 A	Styrene/DVB macroporous	Cl ⁻	660	HD: 0.4 – 1.25	1.6	1.0	20 (Cl ⁻ →OH ⁻)	58 – 63	Sugar / Decolorization
Lewatit® S 6368	Styrene/DVB macroporous	Cl ⁻	690	MD: 0.61 (+/- 0.05)	1.1	1.1	22 (Cl ⁻ →OH ⁻)	58 – 64	Sugar / Decolorization / Demineralization
Lewatit® S 6368 A	Styrene/DVB macroporous	Cl ⁻	630	MD: 0.62 (+/- 0.05)	1.1	1.1	20 (Cl ⁻ →OH ⁻)	60 – 65	Sugar / Decolorization / Demineralization
Lewatit® S 6368 sulfate	Styrene/DVB macroporous	SO ₄ ²⁻	680	MD: 0.61 (+/- 0.05), effective bead size	1.1	1.1	22 (Cl ⁻ →OH ⁻)	58 – 64	Sugar / Decolorization

FOOD

SBA – Type II

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 7468	Styrene/DVB macroporous	Cl ⁻	630	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.	Total Capacity (eq/l) min.	Volume Change (%) max.	Water Retention (%)	Applications
Lewatit® S 7968	Styrene/DVB macroporous	-	600	MD: 0.49 (+/- 0.05)	1.1	-	-	50 – 60	Food / Polisher / Debitting

FOOD

Mixed Bed (MB)

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 9167	Styrene/DVB gel	H ⁺ / OH ⁻	700	MD: 0.63 (+/- 0.05)	1.1	2.0 (H) 1.2 (OH)	-14 (H ⁺ /OH ⁻ →Cl ⁻)	54 – 59	Food grade mixed bed
Lewatit® S 9267	Styrene/DVB gel	H ⁺ / OH ⁻	720	MD: 0.63 (+/- 0.05)	1.1	2.0 (H) 1.2 (OH)	-14 (H ⁺ /OH ⁻ →Cl ⁻)	54 – 59	Food grade mixed bed

FOOD

Separation 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® MDS 1368 Ca / 320	Styrene/DVB gel	Ca ²⁺	850	MD: 0.30 – 0.33	1.1	1.8	15 (Ca ²⁺ → H ⁺)	46 – 51	Sweetener / Glucose / Fructose separation
Lewatit® MDS 1368 Ca / 350	Styrene/DVB gel	Ca ²⁺	850	MD: 0.30 – 0.33	1.1	1.8	15 (Ca ²⁺ → H ⁺)	46 – 51	Sweetener / Glucose / Fructose separation
Lewatit® MDS 1368 K / 320	Styrene/DVB gel	K ⁺	830	MD: 0.30 – 0.33	1.1	1.8	13 (K ⁺ → H ⁺)	47 – 52	Sugar / Separation of Molasses
Lewatit® MDS 1368 K / 350	Styrene/DVB gel	K ⁺	830	MD: 0.33 – 0.36	1.1	1.8	13 (K ⁺ → H ⁺)	47 – 52	Sugar / Separation of Molasses
Lewatit® MDS 1368 Na / 320	Styrene/DVB gel	Na ⁺	840	MD: 0.30 – 0.33	1.1	1.8	10 (Na ⁺ → H ⁺)	47 – 53	Sugar / Separation of Molasses
Lewatit® MDS 1368 Na / 350	Styrene/DVB gel	Na ⁺	840	MD: 0.33 – 0.36	1.1	1.8	10 (Na ⁺ → H ⁺)	47 – 53	Sugar / Separation of Molasses
Lewatit® MDS 2368	Styrene/DVB gel	Na ⁺	740	MD: 0.36 – 0.40	1.1	1.1	12 (Na ⁺ → H ⁺)	63 – 68	Sweetener / Size separation

FOOD

Separation 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® MDS 4368	Styrene/DVB macroporous	FB / Cl ⁻	665	MD: 0.34 (+/- 0.04)	1.1	1.4	26 (FB→Cl ⁻)	59 – 64	Food / Glucose / Organic acid separation

FOOD

Separation 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® MDS 6268	Styrene/DVB gel	Cl ⁻	700	MD: 0.39 (+/- 0.05)	1.1	1.5	25 (Cl ⁻ → OH ⁻)	48 – 55	Food / Acid retardation

WATER TREATMENT

WAC

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® 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	4.3	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 ⁺	832	HD: 0.4 – 1.25	1.6	2.0	7 (Na ⁺ →H ⁺)	45 – 48	Water treatment, demineralization
Lewatit® C 249 NS	Styrene/DVB gel	Na ⁺	832	HD: 0.4 – 1.25	1.6	1.9	7 (Na ⁺ →H ⁺)	45 – 48	Water treatment, demineralization, food grade
Lewatit® C 266 NS	Styrene/DVB gel	Na ⁺	832	HD: 0.37 +/- 0.06 (effect. bead size)	1.3	1.9	5 (Na ⁺ →H ⁺)	42 – 48	Water treatment, demineralization, food grade
Lewatit® C 267	Styrene/DVB gel	H ⁺	800	HD: 0.3 – 1.25	1.6	1.9	-7 (H ⁺ →Na ⁺)	49 – 54	Water treatment, demineralization
Lewatit® MDS 200 H	Styrene/DVB gel	H ⁺	800	MD: 0.33 (+/- 0.05)	1.1	2.0	-8 (H ⁺ →Na ⁺)	48 – 53	Water treatment, demineralization
Lewatit MonoPlus® S 108	Styrene/DVB gel	Na ⁺	840	MD: 0.62 (+/- 0.05)	1.1	2.2	10 (Na ⁺ →H ⁺)	41 – 46	Water treatment, demineralization
Lewatit MonoPlus® S 108 H	Styrene/DVB gel	H ⁺	795	MD: 0.65 (+/- 0.05)	1.1	2.0	-10 (H ⁺ →Na ⁺)	47 – 53	Water treatment, demineralization
Lewatit MonoPlus® S 108 KR	Styrene/DVB gel	H ⁺	795	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	Water treatment, 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	Water treatment, 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	Water treatment, demineralization
Lewatit MonoPlus® S 1567	Styrene/DVB, gel	Na ⁺	840	MD: 0.60 (+/- 0.05)	1.1	2.0	10 (Na ⁺ →H ⁺)	44 – 50	Water treatment, softening, produced without solvents, food grade
Lewatit MonoPlus® S 1667	Styrene/DVB, gel	Na ⁺	840	MD: 0.61 (+/- 0.05)	1.1	2.1	10 (Na ⁺ →H ⁺)	40 – 48	Water treatment, softening
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 200 KR Li	Styrene/DVB gel	Li ⁺	790	MD: 0.60 (+/- 0.05)	1.1	2.1	-6 (H ⁺ →Na ⁺)	45 – 50	Li form nuclear grade cation exchanger
Lewatit MonoPlus® S 215 KR	Styrene/DVB gel	H ⁺	795	MD: 0.62 (+/- 0.05)	1.1	2.3	-8 (H ⁺ →Na ⁺)	40 – 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	Water treatment, demineralization
Lewatit® UltraPure 1211 MD	Styrene/DVB gel	Na ⁺	840	MD: 0.62 (+/- 0.05)	1.1	2.2	10 (Na ⁺ →H ⁺)	41 – 46	Uniform particle size high purity cationic exchanger

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® 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 1221 MD	Styrene/DVB gel	Na ⁺	750	MD: 0.65 (+/- 0.05)	1.1	1.75	8 (Na ⁺ →H ⁺)	52 – 56	Uniform particle size high purity cationic exchanger
Lewatit® UltraPure 1222 MD	Styrene/DVB gel	H ⁺	740	MD: 0.67 (+/- 0.05)	1.1	1.6	-8 (H ⁺ →Na ⁺)	56 – 60	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 macroporous	FB	680	HD: 0.55 (+/- 0.05, effect bead size)	1.8	1.5	25 (FB →Cl ⁻)	56 – 62	Water treatment, demineralization
Lewatit® A 8075 KR	Polyacrylate macroporous	FB	730	HD: 0.4 -1.6	1.7	3.5	16 (FB →Cl ⁻)	44 – 51	Unique high capacity anion exchanger for rad waste and special applications
Lewatit® MP 62	Styrene/DVB macroporous	FB	620	HD: 0.47 (+/- 0.06, effect bead size)	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 macroporous	FB / Cl ⁻	670	HD: 0.55 (+/- 0.05, effective bead size)	1.8	1.2	Total: 25 (delivery form →OH ⁻)	57 – 65	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
Lewatit® UltraPure 1232 MD	Styrene/DVB macroporous	FB / Cl ⁻	620	MD: 0.54 (+/- 0.05)	1.1	1.3	Total: 24 (delivery form →OH ⁻)	54 – 60	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 ⁻	730	HD: 0.4 – 1.6	1.8	1.25	25 (Cl ⁻ →OH ⁻)	55 – 61	Deminerzalization, absorption of TOC
Lewatit® ASB 1	Styrene/DVB gel	Cl ⁻	704	HD: 0.3 – 1.25	1.6	1.4	20 (Cl ⁻ →OH ⁻)	43 – 48	Deminerzalization
Lewatit® ASB 1 OH	Styrene/DVB gel	OH ⁻	655	HD: 0.3 – 1.25	1.6	1.15	20 (Cl ⁻ →OH ⁻)	55 – 60	Deminerzalization
Lewatit® ASB 1 P	Styrene/DVB gel	Cl ⁻	656	HD: 0.315 – 1.25	1.6	1.3	20 (Cl ⁻ →OH ⁻)	50 – 56	Deminerzalization
Lewatit MonoPlus® M 500	Styrene/DVB gel	Cl ⁻	690	MD: 0.62 (+/- 0.05)	1.1	1.3	20 (Cl ⁻ →OH ⁻)	48 – 55	Deminerzalization
Lewatit MonoPlus® M 500 MB	Styrene/DVB gel	Cl ⁻	690	MD: 0.61 (+/- 0.04)	1.1	1.3	22 (Cl ⁻ →OH ⁻)	48 – 55	Deminerzalization, 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	Deminerzalization
Lewatit MonoPlus® M 800	Styrene/DVB gel	Cl ⁻	650	MD: 0.59 (+/- 0.05)	1.1	1.4	18 (Cl ⁻ →OH ⁻)	45 – 50	Deminerzalization, 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	Deminerzalization
Lewatit MonoPlus® M 800 KR	Styrene/DVB gel	OH ⁻	680	MD: 0.64 (+/- 0.05)	1.1	1.2	-18 (OH ⁻ →Cl ⁻)	60 – 65	Ultra low chloride content, for rad waste removal, deminerzalization, and decontamination
Lewatit MonoPlus® M 880 KR	Styrene/DVB gel	OH ⁻	680	MD: 0.64 (+/- 0.05)	1.1	1.2	-18 (OH ⁻ →Cl ⁻)	60 – 65	Ultra pure water
Lewatit MonoPlus® MP 500	Styrene/DVB macroporous	Cl ⁻	640	MD: 0.62 (+/- 0.05)	1.1	1.1	22 (Cl ⁻ →OH ⁻)	60 – 65	Deminerzalization, 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	Deminerzalization, 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	Deminerzalization, 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, deminerzalization, 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® Ultrapure 1262 MD	Styrene/DVB macroporous	OH ⁻	650	MD: 0.65 (+/- 0.05)	1.1	0.9	-20 (OH ⁻ →Cl ⁻)	70 – 75	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	Deminerzalization, 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	Deminerlization
Lewatit MonoPlus® MP 600	Styrene/DVB macroporous	Cl ⁻	630	MD: 0.60 (+/- 0.05)	1.1	1.1	12 (Cl ⁻ →OH ⁻)	55 – 60	Deminerlization, absorption of TOC
Lewatit® ASB 2	Styrene/DVB gel	Cl ⁻	705	HD: 0.3 – 1.25	1.6	1.4	20 (Cl ⁻ →OH ⁻)	38 – 45	Deminerlization, 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 ⁻	688	HD: 0.315 – 1.25	1.7	0.40**	- 20 (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 ⁻	688	HD: 0.3 – 1.25	1.6	0.55**	- 20 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	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**	- 20 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	50 – 60	Deminerlizing water in cartridges, cleaning of sewage water, electro erosion
Lewatit MonoPlus® SM 600 KR Cl-frei	Styrene/ DVB gel	H ⁺ / OH ⁻	700	MD: 0.64 +/- 0.05 A 0.57 +/- 0.05 C	1.1 C / 1.1 A	1.8 C / 1.1 A	-15 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	58 – 63	Deminerlization, decontamination and elimination of rad waste
Lewatit MonoPlus® SM 900 KR	Styrene/ DVB gel	H ⁺ / OH ⁻	790 (H) / 680 (OH)	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 ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	47 – 53 (H) / 60 – 65 (OH)	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 ⁻)	54 – 59	Deminerlization, decontamination and elimination of rad waste
Lewatit MonoPlus® SMP 1000 KR	Styrene/ DVB gel	H ⁺ / OH ⁻	740 (H) / 650 (OH)	MD: 0.65 +/- 0.05 A 0.67 +/- 0.05 C	1.1 C / 1.1 A	1.6 C / 0.8 A	- 14 (H ⁺ /OH ⁻ → Ca ²⁺ , Mg ²⁺ , SO ₄ ²⁻ , Cl ⁻)	56 – 60 (H) / 70 – 75 (OH)	Deminerlization, decontamination and elimination of rad waste
Lewatit® Ultrapure 1292 MD	Styrene/DVB gel	H ⁺ / OH ⁻	750	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 ⁻)	38 – 42 (H) / 58 – 62 (OH)	Ultra pure water, very low TOC leaching
Lewatit® Ultrapure 1294 MD	Styrene/DVB gel	H ⁺ / OH ⁻	750	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 ⁻)	55 – 65	Polishing to get 18+ megohm water (pharmaceutical and semiconductor industries)

** operational capacity, end point 1 MOhm*cm

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PRODUCT GUIDE

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