

ECOTAR B30 | TECHNICAL DATA SHEET

Multicomponent ion-exchange filter media • Product: ECOTAR-B30 • Pack size: 25 L

Technical specifications

Parameter	Value
Media exchange capacity	1,200 meq/L
Service flow rate	10–20 m/h
Operating pH range	0–14
Minimum bed height	500 mm
Freeboard for backwash expansion	40%
Backwash flow rate	6–10 m/h
Brine cycle flow rate	2–4 m/h
Rinse flow rate	10–20 m/h
Regenerant	NaCl
NaCl consumption	100–150 g/L of resin

Recommended feed water limits

Parameter	Value
Turbidity	Max. 3 ppm
Iron (Fe)	Max. 30 ppm
Manganese (Mn)	Max. 2 ppm
Hardness	Max. 12 meq/L
Permanganate oxidizability	Max. 3 mg O ₂ /L
Free chlorine	Max. 0.1 ppm
Total salinity	Max. 2,000 mg/L
Hydrogen sulfide	Absent

Physical properties

Parameter	Value
Bulk density	0.84–0.98 kg/L
Particle size	0.25–5.0 mm
Moisture content	45–70%
Pack size (this SKU)	25 L/bag

Application and benefits

Designed for reduction of dissolved iron (up to 30 mg/L), manganese and hardness in water with low organic content. Regenerated using sodium chloride brine. Suitable for column-type water treatment filters.

Technical values: WATEX ECOTAR B30 English product specification. Pack size follows the 25 L product SKU; some published technical descriptions refer to a 28.3 L package.