

ECOTAR B

MULTICOMPONENT ION EXCHANGE FILTER MEDIA | TECHNICAL DATA SHEET

Technical specifications

Parameter	Value
Media exchange capacity, mg-eq/l	1200
Working flow rate, m/h	10-20
pH range	0-14
Minimum bed height, mm	500
Freeboard for media expansion during backwash, %	40
Backwash flow rate, m/h	6-10
Brine cycle flow rate, m/h	2-4
Rinse flow rate, m/h	10-20
Regenerating agent	NaCl
NaCl consumption, g/l resin	100-150

Recommended feedwater limits — Ecotar B

Parameter	Value
Turbidity, max., ppm	3
Iron*, max., ppm	15
Manganese, max., ppm	2
Hardness, max., mg-eq/l	12
Permanganate oxidizability, max., mg O ₂ /l	3
Free chlorine, max., ppm	0.1
Total salinity, max., mg/l	2000
Hydrogen sulfide	Absent

Main physical properties

Parameter	Value
Bulk density, kg/l	0.84-0.98
Particle size range, mm	0.25-5.0
Moisture content, %	45-70
Package volume listed in source, l	28.3
WATEX product sold as	25 l/bag

Key benefits

- Removes dissolved iron (up to 15 ppm), manganese and hardness-causing salts.
- Regenerated using common salt (NaCl) solution.
- Removes hardness salts and heavy metal ions.
- Operates over a wide pH range.
- Does not require high backwash flow rates.

* The source lists an asterisk after iron without an explanatory footnote.

Source: WATEX English ECOTAR B product listing. Package sizes 25 l and 28.3 l both appear in the source; confirm with supplier.