



EPOCHEMMIE CO., LTD

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DATA SHEET

Commodity: Nitrate Selective Resin **Type:** A202

Applications: A202 is a macroporous strong base anion exchange resin supplied in the chloride form as moist, tough, spherical beads, specially designed for the removal of nitrates.

The macroporous matrix and special ion exchange group functionality imparts ideal nitrate selectivity let A202 making this resin particularly suitable for nitrate removal even when moderate to high concentrations of sulphate are present

Product Description:

Typical Physical & Chemical Characteristics

Polymer Structure	Macroporous, Styrene / DVB
Functional Group	R-N-R ₃ ⁺ Cl ⁻
Ionic Form, as shipped	Cl ⁻
Physical Form And Appearance	Clear Spherical Beads
Sphericity	95% min.
Screen Size Range --- U.S. Standard Screen	16-50 mesh, wet
Particle Size Range	+1.2 mm < 5%, -0.3 mm < 1%
Uniformity Coefficient	1.6 max.
Water Retention, Cl ⁻ form	52-56%
Shipping Weight	680-730 g/l (42-45.5 lbs/cu.ft, approx.)
Total Exchange Capacity min	1.0 eq/l
Max, Operating Temperature	100°C (212°F) max.
pH Range	0-14