



ION EXCHANGE RESIN

PersaLite™ IXA500

Conventional Strong Base Anion – Type I

DESCRIPTION AND APPLICATIONS

PersaLite™ IXA500 is a gaussian, gel, strong base anion exchange resin for nitrate removal applications.

SPECIFICATIONS

Copolymer:	Styrene-divinylbenzene
Matrix:	Macroporous
Functional Group:	Quaternary Ammonium – Type I
Physical Form:	Cream beads
Ionic Form:	Cl ⁻
Total Capacity:	≥ 1.0 eq/L (Cl ⁻ form)
Moisture Content:	48 – 58 %
Particle Size:	315 – 1,250 μm
Uniformity Coefficient:	≤ 1.7
< 300 μm	≤ 1.00 %
Whole Beads Count:	≥ 95 %
Particle Density:	1.10 g/mL
Bulk Density:	700 g/L (43.7 lb/ft ³)

SUGGESTED OPERATING CONDITIONS

Temperature Range:	100°C (212°F) (Cl ⁻ form)
pH Range:	1 – 14
Service Flow Rate:	8 – 40 BV/h

Notes: The information and data are in good faith but without guarantee. Please consult our engineering team for more information before installing and operating the resin. Modifications of the specifications can occur without prior notice. IX resins should be stored in sealed bags in areas with a temperature above 0°C. See MSDS for safety issues.