



ION EXCHANGE RESIN

PersaLite™ IXA300

Conventional Strong Base Anion – Type II

DESCRIPTION AND APPLICATIONS

PersaLite™ IXA300 is a gaussian, gel, strong base anion exchange resin for demineralization and fluoride removal applications.

SPECIFICATIONS

Copolymer:	Styrene-divinylbenzene
Matrix:	Gel
Functional Group:	Quaternary Ammonium – Type II
Physical Form:	White beads
Ionic Form:	Cl ⁻
Total Capacity:	≥ 1.4 eq/L (Cl ⁻ form)
Moisture Content:	40 – 45 %
Particle Size:	300 – 1,250 µm
Uniformity Coefficient:	≤ 1.6
< 300 µm	≤ 1.00 %
Whole Beads Count:	≥ 90 %
Swelling:	Cl ⁻ → OH ⁻ : ≤ 20%
Particle Density:	1.08 g/mL
Bulk Density:	700 g/L (43.7 lb/ft ³)

SUGGESTED OPERATING CONDITIONS

Temperature Range:	85°C (185°F) (Cl ⁻ form) 35°C (95°F) (OH ⁻ 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.