



## ION EXCHANGE RESIN

## PersaLite™ IXA450 Cl

Conventional Strong Base Anion – Type I

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### DESCRIPTION AND APPLICATIONS

PersaLite™ IXA450 Cl is a gaussian, gel, strong base anion exchange resin for demineralization applications in co-flow, counterflow, packed beds, layered beds and mixed beds.

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### SPECIFICATIONS

Copolymer:	Styrene-divinylbenzene
Matrix:	Gel
Functional Group:	Quaternary Ammonium – Type I
Physical Form:	Amber/White beads
Ionic Form:	Cl <sup>-</sup>
Total Capacity:	≥ 1.25 eq/L (Cl <sup>-</sup> form)
Moisture Content:	48 – 55 %
Particle Size:	300 – 1,250 µm
Uniformity Coefficient:	≤ 1.7
< 300 µm	≤ 1.00 %
Whole Beads Count:	≥ 90 %
Swelling:	Cl <sup>-</sup> → OH <sup>-</sup> : ≤ 20%
Particle Density:	1.10 g/mL
Bulk Density:	700 g/L (43.7 lb/ft <sup>3</sup> )

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### SUGGESTED OPERATING CONDITIONS

Temperature Range:	100°C (212°F) (Cl <sup>-</sup> form) 60°C (140°F) (OH <sup>-</sup> form)
pH Range:	0 – 14
Service Flow Rate:	8 – 40 BV/h

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**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.