



## ION EXCHANGE RESIN

## PersaLite™ UPS4000

Uniform Particle Size Weak Base Anion

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### DESCRIPTION AND APPLICATIONS

PersaLite™ UPS4000 is a uniform particle size, gel, weak base anion exchange resin for demineralization applications.

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### SPECIFICATIONS

Copolymer:	Styrene-divinylbenzene
Matrix:	Macroporous
Functional Group:	Tertiary Amine
Physical Form:	Light yellow beads
Ionic Form:	FB
Total Capacity:	≥ 1.55 eq/L (FB form)
Moisture Content:	50 – 60 %
Particle Size:	550 ± 50 µm
Uniformity Coefficient:	≤ 1.1
< 300 µm	≤ 0.10 %
Whole Beads Count:	≥ 95 %
Swelling:	FB → Cl <sup>-</sup> : ≤ 25%
Particle Density:	1.10 g/mL
Bulk Density:	750 g/L (46.8 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) (FB 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.