



## ION EXCHANGE RESIN

## PersaLite™ IXC-170SFNa Standard Strong Acid Cation

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### DESCRIPTION AND APPLICATIONS

PersaLite™ IXC-170SFNa is a gaussian, gel, solvent free, strong acid cation exchange resin for drinking water, dealkalization and demineralization applications in co-flow systems.

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### SPECIFICATIONS

Copolymer:	Styrene-divinylbenzene
Matrix:	Gel
Functional Group:	Sulfonic Acid
Physical Form:	Dark brown beads
Ionic Form:	Na <sup>+</sup>
Total Capacity:	≥ 2.0 eq/L (Na <sup>+</sup> form)
Moisture Content:	42 – 48 %
Particle Size:	315 – 1,250 μm
Uniformity Coefficient:	≤ 1.6
< 300 μm	≤ 1.00 %
Whole Beads Count:	≥ 95 %
Swelling:	Na <sup>+</sup> → H <sup>+</sup> : ≤ 10%
Particle Density:	1.260 g/mL
Bulk Density:	820 g/L

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### SUGGESTED OPERATING CONDITIONS

Temperature Range:	5 – 120°C (Na <sup>+</sup> form)
pH Range:	1 – 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.