



ION EXCHANGE RESIN

PersaLite™ IXC100 H Conventional Weak Acid Cation

DESCRIPTION AND APPLICATIONS

PersaLite™ IXC100 H is a gaussian, polyacrylic, weak acid cation exchange resin for water softening, demineralization and dealkalization applications.

SPECIFICATIONS

Copolymer:	Polyacrylic
Matrix:	Macroporous
Functional Group:	Carboxylic Acid
Physical Form:	Light amber beads
Ionic Form:	H ⁺
Total Capacity:	≥ 4.2 eq/L (H ⁺ form)
Moisture Content:	45 – 55 %
Particle Size:	300 – 1,250 µm
Uniformity Coefficient:	≤ 1.6
< 300 µm	≤ 1.00 %
Whole Beads Count:	≥ 95 %
Swelling:	H ⁺ → Na ⁺ : ≤ 60%
Particle Density:	1.20 g/mL
Bulk Density:	800 g/L (49.9 lb/ft ³)

SUGGESTED OPERATING CONDITIONS

Temperature Range:	5 – 120°C (H ⁺ 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.