



ION EXCHANGE RESIN

PersaLite™ UPSMXB-50 Mixture of Strong Acid Cation & Strong Base Anion

DESCRIPTION AND APPLICATIONS

PersaLite™ UPSMXB-50 is a Uniform particle size resin, gel, ready-to-use, mixture of strong acid cation and strong base anion exchange resin for semiconductor industry, demineralization applications in mixed bed.

SPECIFICATIONS

Copolymer:	Styrene-divinylbenzene
Matrix:	Gel
Functional Group:	Sulfonic Acid / Quaternary Ammonium – Type II
Physical Form:	Mixture of White and Yellow beads
Ionic Form:	H ⁺ / OH ⁻
Total Capacity:	≥ 1.9/ 1.0 eq/L
Moisture Content:	55 – 65 %
Particle Size:	540-700/620-720
Cation / Anion Volumetric Ratio:	40% / 60%
Whole Beads Count:	≥ 95 %
Particle Density:	1.15 g/mL
Bulk Density:	720 g/L (44.9 lb/ft ³)

SUGGESTED OPERATING CONDITIONS

Temperature Range:	100°C (212°F) (Non-Regenerable Bed) 60°C (140°F) (Mixed Bed)
pH Range:	1 – 14

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 temperatures above 0°C. See MSDS for safety issues.