

SEA-IX™

AnionCore MP

SBA-MP-OH

SBA Exchange Resin

Distributed Particle Sized, Macroporous-Type

Technical Data Sheet

AnionCore MP is a SBA porous-type resin based on Styrene Monomer and Divinyl Benzene, using a TMA as its functional group.

AnionCore MP has outstanding physical and chemical strength. It also features a high degree of whole beads, providing outstanding performance.

AnionCore MP is applied in nuclear power plant systems and maintains outlet water quality with TOC levels below 10 ppb under standard operating conditions.

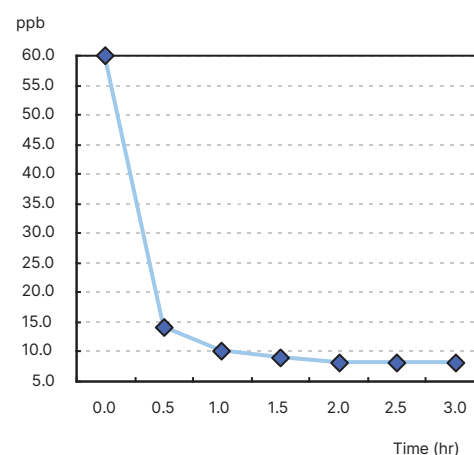
Physical and Chemical Properties

Form	Spherical beads	Matrix	PS-DVB, Porous
Functional Group	Type 1 (Trimethylammonium)	Ionic Form	OH ⁻
Total Capacity (eq/l)	0.8↑	Moisture Retention(%)	50~70
ΔTOC	10↓	Whole Beads(%)	95↑
Uniformity Coefficient	1.7↓	Particle Size (mm)	0.55~0.70
Swelling Rate (%) : S.B	OH 95.0↑, Cl 0.1↓, CO ₃ 5.0↓, SO ₄ 0.1↓	Metallic impurities : S.B (ppm/dry resin)	Al 10↓, Ca 50↓, Cu 5↓, Fe 20↓, Mg 50↓, Pb 5↓, Na 20↓, K 40↓ Co 5↓, Hg 15↓

Test Conditions and Results

- Resistivity > 15.0 MΩ.cm (in 30min)
- ΔTOC < 10ppb (in 90min)
- Standard Operating Conditions (Feed Water):
Resistivity > 17.5 MΩ.cm, TOC < 3ppb, SV = 30

<ΔTOC>



Packaging:

- 1000 lbs. (453 kg) super sacks
- 50lb Bags (22.6 kg) - 24 per pallet

Shipped from:

- Huntersville, NC

