

SEA-IX™

CationCore

SAC-G-H

SAC Exchange Resin

Uniform Particle Sized, Gel-Type

Technical Data Sheet

CationCore is a high cross-linked, UPS, SAC exchange resin with high physical and chemical stability, and a low resin attrition rate even after long-term use. It is widely used for premium water treatment applications such as stator coolant treatment for nuclear power plants.

Physical and Chemical Properties

Matrix	Polystyrene+DVB, Gel	Functional Group	Sulfonic acid
Ionic Form	H+	Total Capacity(eq/ℓ)	2.00 ↑
Shipping Density(g/ℓ)	805	Moisture Retention(%)	45~51
Particle Density	1.22	Uniformity Coefficient	1.1 ↓
Particle Size(μm)	660±50	Swelling Rate(Na+ → H+, %)	8
Whole Beads(%)	95 ↑		

Recommended Operating Conditions

Operating Temp(°C)	120 ↓	pH Range	0~14
Bed Depth(mm)	800	Service Flow Rate(m/h)	5~120

Applications

CationCore is used for stator coolant and maintains an effluent water quality of Δ TOC 10ppb under standard operating conditions.

Packaging:

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

Shipped from:

- Huntersville, NC

