

SEA-IX™

SBA-G-OH

SBA Exchange Resin

Distributed Particle Sized, Gel-Type

Technical Data Sheet

SEA-SBA-G-OH is a high cross-linked distributed particle size, SBA, gel-type, type1 exchange resin with excellent ion removal capacity, allowing for economical production of high-purity water. SEA-SBA-G-OH has outstanding physical and chemical strength, resulting in a low resin crush rate over long-term use. It is supplied in OH-form and can also be supplied in its Cl-form.

Physical and Chemical Properties

Matrix	Polystyrene+DVB, Gel	Functional Group	Type1(Trimethylammonium)
Ionic Form	OH ⁻	Total Capacity(eq/ℓ)	1.10↑
Shipping Density(g/mℓ)	665	Moisture (%)	59~65
Particle Density	1.07	Uniformity Coefficient	1.1↓
Particle Size(μm)	590±50	Swelling Rate (Cl ⁻ →OH ⁻ , %)	23
Whole (%)	95↑		

Recommended Operating Conditions

Operating Temp(°C)	60'1,(OH-), 80'1,(Cl-)	pH Range	0~14
Bed Depth(mm)	800	Service Flow Rate(m/h)	5~120

Regeneration

Regenerant	NaOH	Uniformity Coefficient	2~8
Level(g/mℓ)	50~150	Flow Rate(m/h)	2~8
Rinse (BV)	2~8		

Applications

SEA-SBA-G-OH is used for special refining purposes such as water treatment, metal recovery, and sugar refining.

Packaging:

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

Shipped from:

- Huntersville, NC



Technical Questions & Product Orders:

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