

SEA-IX™

SBA-G-OH/UPS

SBA Exchange Resin

Uniform Particle Sized, Gel-Type

Technical Data Sheet

SBA-G-OH/UPS is a high cross-linked, UPS, SBA exchange resin with high physical and chemical stability, and low resin crush rate even after long-term use. Under standard operating conditions, it maintains an outlet water quality with a TOC concentration of less than 10 ppb.

Physical and Chemical Properties

Matrix	Polystyrene+DVB, Porous	Functional Group	Type1(Trimethylammonium)
Ionic Form	OH ⁻	Total Capacity(eq/ℓ)	1.20
Shipping Density(g/ℓ)	660	Moisture Retention(%)	54~60
Uniformity Coefficient	1.2↓	Particle Size(μm)	630±50
Whole Beads(%)	95↑	ΔTOC(ppb)	10↓

Recommended Operating Conditions

Operating Temp(°C)	60	pH Range	0~14
Bed Depth(mm)	800	Service Flow Rate(m/h)	5~120

Applications

SBA-G-OH/UPS is used for primary circuit and stator cooling system in nuclear power plants and maintains outlet water quality with ΔTOC less than 10ppb under standard operating conditions.

Packaging:

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

Shipped from:

- Huntersville, NC



Technical Questions & Product Orders:

Isaac Post

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Hydraulic Characteristics

Figure 1 shows the backwash expansion of SBA-G-OH/UPS as a function of flow rate and temperature.

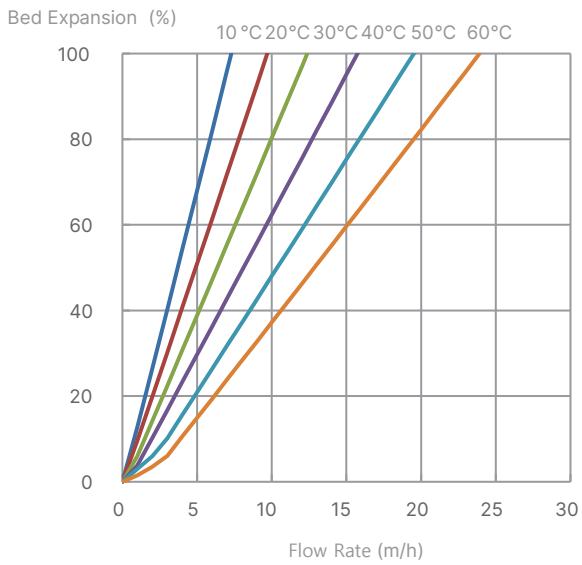


Figure 1 . SAC-G-H/UPS OH⁻ Bed Expansion

Figure 2 shows the pressure drop of SBA-G-OH/UPS as a function of flow rate and water temperature.

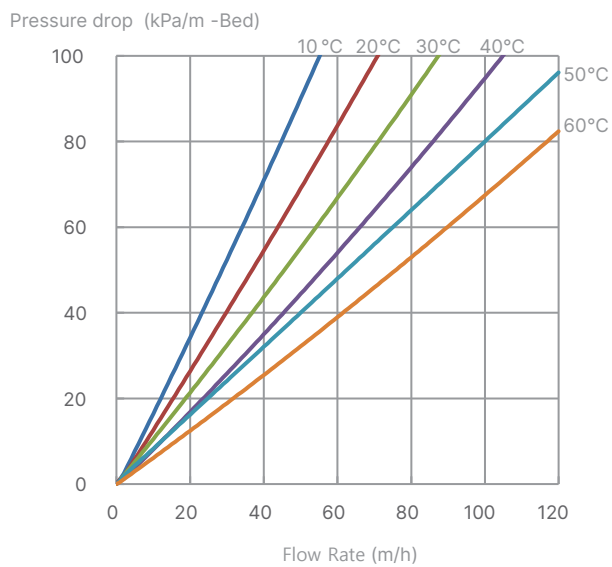


Figure 2 . SAC-G-H/UPS OH⁻ Pressure Drop