

SEA-IX™

BlendCore

MB1:1-G-HOH

Mixed Bed Exchange Resin

1:1, Gel-Type

Technical Data Sheet

BlendCore is a mixture of SAC and SBA in a 1:1 exchange capacity ratio. BlendCore is a highly cross-linked product with outstanding physical and chemical strength, resulting in a low resin crush rate over long-term use.

Physical and Chemical Properties

	SAC	SBA
Matrix	Styrene-DVB, Gel	
Functional group	H+	OH ⁻
Ionic form	1.9	1.0
Particle Size(μm)	650±50	630±50
Uniformity Coefficient	1.1↓	1.1↓
Ionic Conversion(%)	H+	99.0 Min
	OH-	95.0 Min
	Cl ⁻	1.0 Max

Recommended Operating Conditions

Operating Temp(°C)	60	pH Range	0~14
Bed Depth(mm)	600	Service Flow Rate(m/h)	5~120

Applications

BlendCore is applied to the primary system of nuclear power plants, maintaining an outlet water quality of ΔTOC 10ppb or less under standard operating conditions.

Packaging:

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

Shipped from:

- Huntersville, NC

