

TRILITE® MMN312K

Stator cooling

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TRILITE® MMN312K is a product developed for stator cooling system, consisting of a mixture of SAC and SBA in a 1:1 exchange capacity ratio. TRILITE® MMN316K is a highly cross-linked product with outstanding physical and chemical strength, resulting in 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)	5~60

Applications

TRILITE® MMN312K is used for stator cooling system in thermal/nuclear power plants and applied in the system to maintain an outlet water quality of Δ TOC 10ppb or less under standard operating conditions.

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