

TRILITE® AMP26

Strong Basic Anion Exchange Resin Macroporous Type II

TRILITE® AMP26 is a bead form, strongly basic macroporous anion exchange resin produced by a cutting edge technology. It is based on cross-linked polystyrene with quaternary ammonium functional groups and its chemical structure may be represented as follows. TRILITE® AMP26 gives it exceptionally high physical and mechanical strength and much improved organic fouling resistance.

Physical and Chemical Properties

Physical Form	Ivory opaque spherical beads	Matrix	Styrene-DVB, Macroporous
Functional Group	Type 2 (Dimethylethanolammonium)	Ionic Form	Cl ⁻
Total Capacity(eq/ℓ)	1.20 ↑ (Cl ⁻)	Moisture Retention(%)	46~52
Shipping Density(g/ℓ)	680	Particle Density	1.11
Uniformity Coefficient	1.6 ↓	Particle Size(mm)	0.30~1.18
Whole Beads(%)	95 ↑	Swelling (Cl ⁻ →OH ⁻ , %)	13.1

Recommended Operating Conditions

Operating Temp(°C)	50(OH ⁻), 70(Cl ⁻)	pH Range	0~14
Bed Depth(mm)	700	Service Flow Rate(m/h)	8~40
Regeneration			
Regenerant	NaOH	Concentration(%)	2~8
Level(g/ℓ)	70~150	Flow Rate(m/h)	2~8
Rinse Requirement(BV)	5~10		

Applications

TRILITE® AMP26 is recommended for such usages as deionization of Industrial water with weak acids, Deionization of organic chemical products, dealkalization, nitrate removal or gross silica elimination, starch and liquid sugar decolorizing and other various applications.

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Samyang's TRILITE Ion exchange resins are produced based on the ISO 9001, ISO 14001 certification.

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