



201X8 Cl⁻

Strong Base Anion Exchange Resin

201X8 Cl⁻ is a polystyrene matrix gel type strong basic anion exchange resin, containing -N(CH₃)₃, equivalent to the solid alkali.

With high mass full Exchange capacity and good mechanical strength

Index

Name	Specification
Appearance	Pale yellow clear spherical beads
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Functional Group	-N(CH ₃) ₃
Ionic Form as shipped	Cl ⁻
Weight Exchange Capacity	≥3.90mmol/g Dry
Volume Exchange Capacity	≥1.45mmol/ml
Specific Gravity	1.04~1.20g/ml
Shipping Weight	0.70~0.80g/ml
Moisture Retention	40%~45%
Particle Size Range	0.315~1.25 mm
Reversible Swelling	Cl ⁻ → OH ⁺ 18~22%
Temperate Limit	OH40°C Cl100°C
Sphere rate after abrasion	≥90%

Reference Operation Conditions

Maximum operating temperature	OH40°C Cl100°C
Resin filling height	1~3m
Operating velocity	2~10BV/h
Backwash velocity	4~10BV/h
Regeneration (desorption) velocity	1~2BV/h
Regeneration agent	2BV3~5%HCl 2BV2~4% NaOH

*Specifications and typical properties are listed for informational purposes only and not to be used as purchase specifications.

Application

- Pure water preparation
- wastewater treatment
- Wet metallurgy
- Rare element separation

Corresponding Brands

- Amberlite IRA-400
- Amberlite AB-17
- Diaion SA-10A