



201X7 Cl-

Strong Base Anion Exchange Resin

201X7 Cl- is a polystyrene matrix gel type strong basic anion exchange resin, containing $-N(CH_3)_3$, equivalent to the solid alkali.

With high mass full Exchange capacity and good mechanical strength.

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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	≥ 3.6 mmol/g Dry
Volume Exchange Capacity	≥ 1.4 mmol/ml
Specific Gravity	1.06~1.11g/ml
Shipping Weight	0.65~0.75g/ml
Moisture Retention	42%~48%
Particle Size Range	0.315~1.25 mm
Reversible Swelling	Cl- $\rightarrow$ OH+ 18~22%
Temperate Limit	OH40°C, Cl100°C
Sphere rate after abrasion	$\geq 90\%$

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