

ZI-RESIN A-374

Strong Base Anion OH Form

HIGHLIGHTS

ZI-RESIN A-374 is a type 1 strong base gel anion ion exchange resins supplied in hydroxide form and it is primarily used in the anion stage of demineralisation plants use in industrial and potable water treatment.

ZI-RESIN A-374 is intended for use in the hydroxide form for all types of deionizing systems for removal of both strong and weak acid radicals to extremely low concentration levels.

TYPICAL PROPERTIES

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| • Type: | Polystyrene Crosslinked with DVB |
| • Appearance: | White to Yellowish Spherical beads |
| • Functional Group: | Type 1 Quaternary Ammonium |
| • Ionic Form: | OH ⁻ |
| • Total Capacity(eq/L): | 1.0 min. (OH ⁻) |
| • Moisture Retention: | 52- 60% |
| • Particle Effective Size: | 0.4-0.7mm |
| • <0.3mm (max.): | 1% |
| • Uniformity Coefficient (max.): | 1.6 |
| • Bulk Density (g/l): | 660-720 |

STANDARD DESIGN CONDITIONS

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|----------------------|------------|
| • Bed depth: | >800 mm |
| • Service flow rate: | 10–60 BV/h |
| • Regenerant: | NaOH |
| • Level (g/l): | 50-200 |
| • Concentration (%): | 2-8 |
| • Flow Rate (BV/h): | 2-8 |
| • Min contact time: | 40 minutes |
| • Slow rinse: | 3-8 BV |
| • Fast rinse: | 4-10 BV |

THE BENEFITS

- High operating capacity
- Excellent resistance to physical breakdown
- Lower pressure drops
- Longer lifetime

COMMON APPLICATIONS

- Demineralisation
- Polishing Mix Bed

PACKAGING

- 25L PE bag
- 1000L big bag

HANDLING & SAFETY

ZI-TECHASIA maintains a database of safety data sheets (SDS) on all our products. These contain health & safety information to assist in the safe and appropriate chemical handling, ensuring the protection of personnel.

