

Bestion® BA400

Gel Strong Base Anion Exchange Resin

Description

BA400 is a Type I strongly base anion exchange resin with quarternary ammonium structure base on polystyrene. It has excellent regeneration efficiency and rinse characteristics. The resin has exceptional physical and chemical stability. It also shows good kinetics of exchange, producing very low concentration levels of both strong and weak acid anions to be achieved at practical flowrate. The resin is supplied in chloride or hydroxide form. BA400 is mainly used in production of pure and ultra-pure water, decoloration for sugar, separation and purification of biochemicals and radio-elements.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

| | | |
|--------------------------------------|---|---------------------------------------|
| Polymer Structure | | Styrene-DVB |
| Appearance | | White to light yellow spherical beads |
| Type | | Gel strong base Anion exchange resin |
| Ionic form | | Cl ⁻ |
| Functional group | | quarternary ammonium |
| Moisture Content | % | 50-60% |
| Total Exchange Capacity | eq/L | ≥1.3 |
| Particle Size Range | 0.315-1.25mm | ≥95 |
| Uniformity Coefficient | max. | ≤1.6 |
| Reversible Swelling | Cl ⁻ → OH ⁻ max % | ≤25 |
| Shipping Weight | g/ml | 0.66-0.71 |
| Temperature Limited | °C | 80 |
| Whole Spherical Rate After Attrition | % | ≥90 |

TYPICAL PACKAGING

- 25L PE bag
- 1 Cubic feet
- 1000L Super Sacks

