

Bestion® OT511

Gel Strong Base Anion Exchange Resin

Description

OT511 is a gel strong base type I anion exchange resin with an acrylic matrix. The acrylic matrix provides excellent removal of organic matter from incoming water and reversible removal during regeneration to protect from organic fouling. The resin is used in preparation of pure and ultra pure water instead of polystyrene base type I resin. It is especially suitable for high levels organics influent.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

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|--------------------------------------|---|--------------------------------------|
| Polymer Structure | | Acrylic-DVB |
| Appearance | | Milky translucent spherical beads |
| Type | | Gel strong base Anion exchange resin |
| Ionic form | | Cl ⁻ |
| Functional group | | quarternary ammonium |
| Moisture Content | % | 54-64% |
| Total Exchange Capacity | eq/L | ≥1.25 |
| Particle Size Range | 0.315-1.25mm | ≥95 |
| Uniformity Coefficient | max. | ≤1.6 |
| Reversible Swelling | Cl ⁻ → OH ⁻ max % | ≤20 |
| 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

