

Gel Type I Strong Base Anion Exchange Resin

Basic Features:

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| Application | Efficient Demineralization / Silica Removal - Mixed Beds - Indicator |
| Polymer Structure | Gel polystyrene crosslinked with divinylbenzene |
| Appearance | Spherical beads |
| Functional Group | Type 1 Quaternary Ammonium |
| Ionic form as shipped | OH |

Typical Physical and Chemical Characteristics:

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|-------------------------------|-----------------------------------|-------------------------------|
| Total Capacity (min.) | Cl ⁻ | 1.40 eq/l |
| Total Capacity (min.) | Cl ⁻ | 30.57 kGr/ft ³ |
| Moisture Retention | Cl ⁻ | 43-48 % |
| Mean Size Typical | | 0.65-0.90 mm |
| Uniformity Coefficient (max.) | | 1.70 |
| Reversible Swelling (max.) | Cl ⁻ → OH ⁻ | 20 % |
| Specific Gravity | | 1.08 g/ml |
| Shipping Weight (approx.) | | 680-710 g/l |
| Shipping Weight (approx.) | | 42.5-44.4 lbs/ft ³ |
| Temp Limit | OH ⁻ | 60 °C |
| Temp Limit | OH ⁻ | 140 °F |
| Temp Limit | Cl ⁻ | 100 °C |
| Temp Limit | Cl ⁻ | 212 °F |
| pH Limits | | 0-14 (Stability) |
| pH Limits | OH ⁻ | 1-10 (Operating) |