

Gel Type Strong Acid Cation Exchange Resin

Basic Features:

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| Application | Demineralization - Fast Regeneration / Condensate Polishing |
| Polymer Structure | Gel polystyrene crosslinked with divinylbenzene |
| Appearance | Spherical beads |
| Functional Group | Sulphonic acid |
| Ionic form as shipped | Na ⁺ |

Typical Physical and Chemical Characteristics:

| | | |
|-------------------------------|----------------------------------|-------------------------------|
| Total Capacity (min.) | Na ⁺ | 2.20 eq/l |
| Total Capacity (min.) | Na ⁺ | 48.03 kGr/ft ³ |
| Moisture Retention | Na ⁺ | 40-43 % |
| Mean Size Typical | | 0.52-0.62 mm |
| Uniformity Coefficient (max.) | | 1.20 |
| Reversible Swelling (max.) | Na ⁺ → H ⁺ | 6 % |
| Specific Gravity | | 1.30 g/ml |
| Shipping Weight (approx.) | | 805-830 g/l |
| Shipping Weight (approx.) | | 50.3-51.9 lbs/ft ³ |
| Temp Limit | H ⁺ | 120 °C |
| Temp Limit | H ⁺ | 250 °F |
| Temp Limit | Na ⁺ | 140 °C |
| Temp Limit | Na ⁺ | 285 °F |
| pH Limits | | 0-14 |

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