

GA-203

Perchlorate Selective Resin

Product Description & Applications

G-ion GA-203 is a macroporous strong base anion resin supplied in the chloride form, specially selective for hydrophobic anions including perchlorate and pertechnetate. As the nature of the pertechnetate is difficult to handle the regeneration effluent, it is recommended that the used resin be disposed off in a controlled fashion rather than regenerated.



Typical Physical & Chemical Characteristics

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| Polymer Matrix Structure | Macroporous, Styrene / DVB |
| Functional Group | Tributylamine |
| Ionic Form, as shipped | Cl- |
| Physical Form And Appearance | Clear Spherical Beads |
| Puerility | 95% min. |
| Screen Size Range-U.S. Standard Screen | 16-50 mesh, wet |
| Particle Size Range | 0.315-1.25mm |
| Uniformity Coefficient | 1.6 max. |
| Water Retention, Na+ form | 43-48% |
| Swelling Na ⁺ H ⁺ → Ca ²⁺ → Na ⁺ | 10% max. 5% max. |
| Shipping Weight, Na+ form | 780-880 g/l (51 lbs/cu.ft, approx.) |
| Total Exchange Capacity, Na+ form | 2.0 eq/l min. |
| pH Range | 0-14 |