

GA-502

Acrylic Gel Mixed Base Anion Resin

Product Description & Applications

G-ion GA-502 is a gel-type anion exchange resin with an acrylic matrix. The acrylic matrix ensures excellent removal of organic matter from a water supply and its reversible elution from the resin upon regeneration. The resin combines the advantages of extremely high operating capacity with the ability to remove both strong and weak acids from solution, including carbon dioxide and silicaon.tyl ether (MTBE). It can be supplied both dry and wet form.



Typical Physical & Chemical Characteristics

Polymer Matrix Structure	Acrylic Crosslinked with DVB
Functional Group	Quaternary and Tertiary Ammonium
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