DAXUN

Strong Acid Cation Exchange Resin

732 model is a premium grade, high capacity, gelular, sulfonated, polystyrene cation resin
Supplied in the sodium or hydrogen form as moist, tough, uniform, spherical beads.
Usage in all water softening, alkalization, ionization and chemical processing applications.

PHYSICAL PROPERTIES

Polymer Structure： Styrene Cross linked with (—SO3H)
Ionic Form：Sodium(Na+) or Hydrogen(H+)
Physical Form：Tough, Spherical Beads
Water Retention：45~53 %
Bead Size Distribution(0.315 – 1.25mm)：≧95%
Spherical： ≧90%
Solubility：Insoluble
Uniformity coefficient：≧1.7
Density：1.24~1.28 g/ml
Swelling H+ to Na+ ：8~10%
Total Capacity：≧4.5 mmol/g

SUGGESTED OPERATING CONDITIONS

Maximum Temperature：Sodium Form≦120℃ Hydrogen Form≦100℃
Minimum Bed Depth：800 mm
Backwash Rate：25 to 50% Bed Expansion
Regenerate Concentration：NaCl: 3~10%; HCl: 4~5%; NaOH: 4~5%
Regenerate Level： NaCl (8~10%); Volume：Resin volume=1.5~2：1
HCl(4~5%); Volume：Resin volume=2~3：1
NaOH(4-5%); Volume：Resin volume=2~3：1
Regenerate Flow Rate：5~8 m/h
Regenerate Contact Time：30~60 Minutes
Fast Rinse Rate：10~20 m/h
Fast Rinse Time：Approx. 30 minutes
Service Flow Rate：10~40 m/h