

GC-200FDH

Food Grade- Weak Acid Cation Exchange Resin

Product Description & Applications

G-ion GC-200FDH is poly-acrylic weak acid cation resin, supplied in H form, treated as food grade. K form and Na form food grade are also available. It has beads, size of its high capacity and good physical stability.

G-ion GC-200FDH is used for dealkalization, deionization, softening for drinking and potable Water.



Typical Physical & Chemical Characteristics

Polymer Matrix Structure	Acrylic-Divinylbenzene
Functional Group	R-(COOH)-
Ionic Form, as shipped	Na+
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	4-14