

GC-200FDK

Food Grade- Macroporous Weak Acid Cation Exchange Resin

Product Description & Applications

G-ion GC-200FDK is a Food Grade macroporous poly-acrylic weak acid cation resin. It is supplied in the hydrogen (H) form and Kalium (K) form as spherical beads. e.l beads.se of its high capacity and good physical stability.

G-ion GC-200FDK is used in applications such as softening and removal of heavy metal cations, and is especially effective in high solids softening applications.



Typical Physical & Chemical Characteristics

Polymer Matrix Structure	Acrylic-Divinylbenzene
Functional Group	R-(COOH)-
Ionic Form, as shipped	H+ and K+
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	720-820g/l (46 lbs/cu.ft, approx.)
Total Exchange Capacity, Na+ form	2.0 eq/l min.
pH Range	4-14