

USF A-674 OH ANION RESIN

Description:

USF A-674 OH is a strong base, Type I, anion exchange resin consisting of a styrene divinylbenzene matrix. The resin is a macroporous anion with an opaque spherical bead appearance. This type of resin is more resistant to chemical attack and organic fouling when treating aggressive waters.

Chemical Properties

Ionic Form (as shipped)	Hydroxide
Moisture Content	54 - 64% (Cl form)
Exchange Capacity	0.9 meq / ml minimum (OH form)
Kinetics	> 15 megohm

Physical Properties

Particle Screen Sizing	
+16 Mesh	5% maximum
-50 Mesh	3% maximum
Particle Size	0.40 - 1.2 mm
Swelling	10 - 20% Cl to OH
Whole Beads (%)	95 minimum
Shipping Weight	40 lbs. / cu. ft.

Operating Conditions

Operating pH Range (stability)	0 to 14
Service Flow Rate	1 - 4 gpm / cu. ft.
Regenerant Flow Rate	0.25 - 1.0 gpm / cu. ft.
Rinse Flow Rate	0.25 - 2.0 gpm / cu. ft.
Maximum Operating Temperature	140°F

Influent Limitations

Maximum Free Chlorine	0.1 ppm
Maximum Turbidity	1 - 2 NTU
Maximum Iron & Heavy Metals	1.0 ppm