

USF A-399 ANION RESIN

Description:

USF A-399 is a weak base macroporous anion resin consisting of a styrene divinylbenzene polymer matrix functionalized with a tertiary amine supplied in the free base form. This resin has a wide variety of applications ranging from general water treatment to food and pharmaceutical processing.

Chemical Properties

Functional Group	Dimethylamine
Ionic Form (as shipped)	Free base
Moisture Content	40% - 50% (free base form)
Exchange Capacity	1.7 meq / ml minimum (free base form)

Physical Properties

Particle Screen Sizing	
+ 16 Mesh	5% maximum
- 50 Mesh	3% maximum
Screen Size (U.S. Std. Sieve)	16 to 50 mesh
Whole Beads (%)	95 minimum
Shipping Weight	40 lbs. / cu. ft.

Operating Conditions

Operating pH Range	0 to 6
Service Flow Rate	0.2 to 3.0 gpm / cu. ft.
Maximum Operating Temperature	140°F