

EPICOR™ EPIFLOC 101-NH4 AMMONIUM FORM POWDERED ION EXCHANGE RESIN / FIBER MIXTURE

This material contains approximately one (1) part ion exchange resin to one (1) part inert fiber weight. The resin portion shall have a dry weight ratio of approximately one (1) part anion to (1) part cation

1. POWDERED CATION RESIN COMPONENT

Strongly acidic, sulfonic acid functional group.

60 - 400 mesh, mostly 200 - 400 mesh.

Total capacity - 4.5 meq / gram of dry resin (minimum).

Ammonium form - minimum 95% exchange groups as ammonium ion. Moisture content less than 48%.

Metallic impurities:

- < 50 ppm Fe
- < 10 ppm Cu
- < 50 ppm Al
- < 10 ppm heavy metals (as Pb)

ABOUT

For over 50 years Evoqua's EPICOR™ resins have been considered an essential component of critical water treatment applications in both fossil-fuel and nuclear power plants. EPICOR specialty resins are also widely used in high-purity and ultra-pure water treatment systems.

2. POWERED ANION RESIN COMPONENT

Strongly basic, Type I, quarternary ammonium functional group.

60 - 400 mesh size, mostly 200 - 400 mesh.

Total capacity - 3.8 meg / gram of dry resin (minimum).

Hydroxide form - minimum 95% exchange groups as hydroxide (H) ion.

Moisture content - 55 - 60%.

Metallic impurities:

- < 50 ppm Fe
- < 10 ppm Cu
- < 50 ppm Al
- < 10 ppm heavy metals (as Pb)

3. EPIFLOC 101-NH4 MOISTURE 70 - 75% (APPROXIMATE)

This product is used as precoat media in filter demineralizers processing water in various power plant systems including condensate polishing, reactor water cleanup, fuel pool cleanup, and radioactive waste treatment



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