



EPICOR™ EPIFLOC-101-H HYDROGEN 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 - 4.8 meq / gram of dry resin (minimum).
Hydrogen form - minimum 99% exchange groups as hydrogen (H) ion.
Moisture content less than 55%.
Metallic impurities:
 < 50 ppm Fe
 < 10 ppm Cu
 < 50 ppm Al
 < 10 ppm heavy metals (as Pb)

2. POWERED ANION RESIN COMPONENT

Strongly basic, Type 1, quarternary ammonium functional group.
60 - 400 mesh size, mostly 200 - 400 mesh.
Total capacity - 3.8 meq / gram of dry resin (minimum).
Hydroxide form - minimum 95% exchange groups as hydroxide (H) ion.
Moisture content 70 - 75%.
Metallic impurities:
 < 50 ppm Fe
 < 10 ppm Cu
 < 50 ppm Al
 < 10 ppm heavy metals (as Pb)

3. EPIFLOC-101-H 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.

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.



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