

EPICOR™ EPIFLOC 91-H - HYDROGEN FORM POWDERED ION EXCHANGE RESIN / FIBER MIXTURE

This material contains approximately nine (9) parts ion exchange resin to one (1) part inert fiber by dry weight. The resin portion shall have a dry weight ratio of approximately five (5) parts anion to four (4) parts cation.

1. POWDERED CATION RESIN COMPONENT

Strongly acidic, sulfonic acid functional group.
60 - 400 mesh, - 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. POWDERED ANION RESIN COMPONENT

Strongly basic, Type I, quaternary ammonium functional group.
60 - 400 mesh size, mostly 200 to 400 mesh.
Total capacity - 3.8 meq / gram of dry resin (minimum).
Hydroxide form - minimum 95% exchange groups as hydroxide (OH) ion.
Moisture content - 55 - 60%.
Metallic impurities:
 < 50 ppm Fe
 < 10 ppm Cu
 < 50 ppm Al
 < 10 ppm heavy metals (as Pb)

3. EPIFLOC 91-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.