

EPICOR™ ANION HYDROXIDE FORM POWDERED ION EXCHANGE RESIN

EPICOR PD-1 Resins IDENTIFICATION

FUNCTIONALITY Quarternary Ammonium, Strongly Basic Anion,

Type I

IONIC FORM Hydroxide

TOTAL CAPACITY 3.8 meq / dry gram - minimum

MOISTURE CONTENT 55 - 60%

PARTICLE SIZE 60 - 400 mesh; mostly 200 to 400 mesh

PARTICLE SHAPE Granular

SITE COMPOSITION > 95 percent as hydroxide (OH)

< 1 percent as chloride (Cl)

< 5 percent as carbonate (HCO3)

< 0.5 percent as sulfate (DO4)

METALLIC IMPURITIES < 50 ppm Fe

< 10 ppm Cu < 50 ppm Al

< 10 ppm heavy metals as Pb

This product is used with powdered cation resins (i.e. PD - 2 & PD - 3) 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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