

EPICOR™ ANION HYDROXIDE FORM POWDERED ION EXCHANGE RESIN

IDENTIFICATION	EPICOR PD-1 Resins
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 (HCO ₃) < 0.5 percent as sulfate (SO ₄)
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.

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.