

# EPICOR™ PD-2 CATION AMMONIUM FORM POWDERED ION EXCHANGE RESIN

<b>IDENTIFICATION</b>	EPICOR PD-2 Resins
<b>FUNCTIONALITY</b>	Strongly Acidic Cation, sulfonic acid functional group
<b>IONIC FORM</b>	Ammonium
<b>TOTAL CAPACITY</b>	4.5 meq / dry gram - minimum
<b>MOISTURE CONTENT</b>	43 - 48 %
<b>PARTICLE SIZE</b>	60 to 400 mesh; mostly 200 to 400 mesh
<b>PARTICLE SHAPE</b>	Granular
<b>SITE COMPOSITION</b>	> 95% as ammonium regenerated to the NH <sub>4</sub> <sup>+</sup> form to minimize significant pH changes when employed in an ammoniated cycle
<b>METALLIC IMPURITIES</b>	< 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 PD - 1 as precoat media in filter demineralizers for condensate polishing in power plants operating at elevated pH.