

EPICOR™ MIXED-BED RESIN APCW-21

IDENTIFICATION

DESCRIPTION

EPICOR APCW-21 MIXED BED RESIN

Chemically equivalent mixture of strong base gel, Type I, anion resin in the hydroxide form with strong acid gel, sulfonic acid cation resin in the hydrogen form.

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.

FRIABILITY - g/bead avg

≥ 350 (≥ 95% above 200 g)

TOTAL CATION CAPACITY,

meq/ml

≥ 1.80

% H⁺

≥ 99

TOTAL ANION CAPACITY,

meq/ml

≥ 1.15

% OH⁻

≥ 94

% Cl⁻

≤ 1

% CO₃⁼ / SO₄⁼

≤ 5 / ≤ 0.5

CATION % MOISTURE H⁺ FORM

55 max.

ANION % MOISTURE OH⁻ FORM

60 max.

SCREEN % RETAINED:

+ 16

≤ 2%

-16 + 40

≥ 96%

+50

≤ 2%

-50

< 0.5%

IMPURITIES ppm:

Na⁺

< 50

Al³⁺

< 50

Fe⁺⁺

< 50

Cu⁺⁺

< 50

Pb⁺⁺

< 10

COLUMN CAPACITY, meq/ml

≥ 0.60

SOLUBILITY

< 0.1%