

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.

≥ 350 (≥ 95% above 200 g)

FRIABILITY - g/bead avg TOTAL CATION CAPACITY.

meg/ml ≥ 1.80 % H⁺ ≥ 99

TOTAL ANION CAPACITY,

meg/ml ≥ 1.15 % OH-≥ 94 % CI-≤ 1 % CO₂= / SO₄= $\leq 5 / \leq 0.5$

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:

< 50 Na⁺ AI^{3+} < 50 Fe⁺⁺ < 50 Cu⁺⁺ < 50 Pb** < 10 COLUMN CAPACITY, meg/ml ≥ 0.60 **SOLUBILITY** < 0.1%

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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