TECHNISCHES DATENBLATT

Purolite™ UltraClean™ UCW5051HCO3

Polystyrol makroporös, Stark basisches Anionenaustauscher, Typ I, Bicarbonat/Carbonat Form, Halbleitertechnik Qualität

EINSATZGEBIETE

- Wasserstoffperoxid Reinigung

VORTEILE

- minimaler Gehalt an Chloriden und Sulfaten
- minimaler Metallgehalt
- geringes extrahierbares TOC und geringe Waschwassermengen

TYPISCHE VERPACKUNGEN

- 1 CF Karton
- 5 CF Papptrommel

TYPISCHE PHYSIKALISCHE & CHEMISCHE EIGENSCHAFTEN:

Polymerstruktur	makroporöses Polystyrol quervernetzt mit Divinylbenzol
Aussehen	Spherische Kugeln
Funktionelle Gruppe	quartäres Ammonium, Typ I
Ionische Form	HCO_3 + CO_3
Totalkapazität (min.)	0.9 eq/L (19.7 Kgr/ft³) (OH-)
Wassergehalt	53 - 58 % (Cl-)
Partikelgrößen Bereich	425 - 1200 µm
< 425 µm (max.)	2 %
Uniformitätskoeffizient (max)	1.7
Conversion HCO3 + CO3 (min.)	99.8 %
Anionenform, SO_4^{2-} (max.)	0.1 %
Anionenform, Cl^- (max.)	0.1 %
Verunreinigungen Eisen (max.)	50 ppm
Verunreinigungen Natrium (max.)	20 ppm
Verunreinigungen Schwermetalle (max.)	30 ppm
Spezifische Dichte	1.09
Schüttgewicht (ca.)	680 - 720 g/l (42.5 - 45.0 lb/ft³)

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