PRODUCT DATA SHEET

Purolite™ UltraClean™ UCW9126

Polystyrenic Gel, Strong Acid Cation Resin, Hydrogen form, Ultrapure Water Grade

PRINCIPAL APPLICATIONS

- Ultrapure Water

ADVANTAGES

- High resistance to bead fracture
- High resistance to attrition and osmotic shock

TYPICAL PACKAGING

- 1 CF Box
- 50 L Drum (Plastic)
- 5 ft³ Drum (Fiber)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	H^+ form
Total Capacity (min.)	1.9 eq/L (41.5 Kgr/ft³) (H^+ form)
Moisture Retention	49 - 54 % (H^+ form)
Mean Diameter	610 ± 40 µm
TOC (max.)	< 20 ppb Δ TOC after 60 BV of rinse at 30 BV/h (*)
Uniformity Coefficient (max.)	1.2
Conversion (min.)	99.9 % (H^+ form)
Specific Gravity	1.21
Shipping Weight (approx.)	760 - 800 g/L (47.5 - 50.0 lb/ft³)
Temperature Limit	120 °C (248.0 °F)
Footnote	* Influent rinse water quality : > 17.5 MΩ cm; < 2 ppb TOC

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Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.

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