

UltraClean™ UCW1080

Polystyrenic Macroporous, Anion Resin, Free Base form, Ultrapure Water Grade

PRINCIPAL APPLICATIONS

- Boron Removal from ultrapure water

TYPICAL PACKAGING

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

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	N-methylglucamine
Ionic Form	FB form
Total Capacity	0.6 eq/L (13.1 Kgr/ft³) (FB form)
Moisture Retention	61 - 67 % (Cl⁻ form)
Particle Size Range	425 - 850 µm
< 425 µm (max.)	5 %
TOC (max.)	< 5 ppb TOC after 48 hours rinse at 30 BV/h (*)
Uniformity Coefficient (max.)	1.3
Specific Gravity	1.1
Shipping Weight (approx.)	670 - 730 g/L (41.9 - 45.6 lb/ft³)
Temperature Limit	60 °C (140.0 °F)
Footnote	* Influent rinse water quality : > 17.5 MΩ cm; < 2 ppb TOC



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