

Purolite™ UltraClean™ UCW1080

Polystyrol makroporös,
Anionenaustauscher, Freie Base
Form, Ultrapureinswasser Applikationen

EINSATZGEBIETE

- Borsäure Entfernung - Ultra-Reinstwasser Anwendungen

TYPISCHE VERPACKUNGEN

- 1 CF Karton
- 50 L Plastikfass
- 5 CF Papptrommel

TYPISCHE PHYSIKALISCHE & CHEMISCHE EIGENSCHAFTEN:

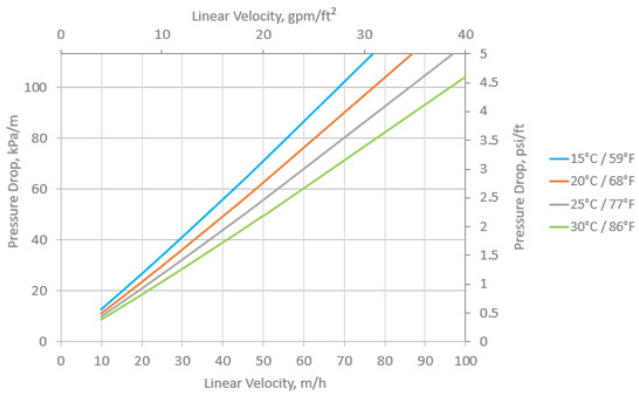
Polymerstruktur	makroporöses Polystyrol quervernetzt mit Divinylbenzol
Aussehen	Spherische Kugeln
Funktionelle Gruppe	N-Methylglucamin
Ionische Form	freie Base Form
Totalkapazität (min.)	0.6 eq/L (13.1 Kgr/ft³) (freie Base Form)
Wassergehalt	61 - 67 % (Cl-)
Partikelgrößen Bereich	425 - 850 µm
< 425 µm (max.)	5 %
TOC (max.)	< 5 ppb nach 48 Stunden spülen bei 30 BV/h (*)
Uniformitätskoeffizient (max)	1.3
Spezifische Dichte	1.1
Schüttgewicht (ca.)	670 - 730 g/l (41.9 - 45.6 lb/ft³)
Temperaturlimit	60 °C (140.0 °F)
Fußnote	* Einflusswasserqualität : > 17.5 MΩ cm; < 2 ppb TOC

Hydraulische Eigenschaften

PRESSURE DROP

The pressure drop across a bed of ion exchange resin depends on the particle size distribution, bed depth, and voids volume of the exchange material, as well as on the flow rate and viscosity of the influent solution. Factors affecting any of these parameters—such as the presence of particulate matter filtered out by the bed, abnormal compressibility of the resin, or the incomplete classification of the bed—will have an adverse effect, and result in an increased head loss. Depending on the quality of the influent water, the application and the design of the plant, service flow rates may vary from 10 to 40 BV/h.

PRESSURE DROP ACROSS RESIN BED



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.

www.puoliteresins.com



We're ready to solve your process challenges.

For further information on products and services, visit www.puoliteresins.com or complete a Contact Us form via PuoliteResins.com/contact-us or use the QR code.

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