PRODUCT DATA SHEET

Purolite™ Select SRA4000OH

polistirenic Gel, Rasinina Anionica puternic bazica de tip I, Forma hidroxid, Categoria (de rasini tip) pat compact, Premium Grade

PRINCIPALELE APLICATII

- demineralizare - apă de puritate mare

SISTEME

- sisteme de paturi compacte

AVANTAJE

- Capacitate ridicată de operare
- Dimensiunea uniformă a particulelor

AMBALAJE TIPICE

- Cutie de1 CF
- 25 L sac
- Butoi (Fibră) de 5 CF
- supersac de 42 CF
- 1 M³ supersac

CARACTERISTICI TIPICE FIZICE SI CHIMICE

Structura polimerica	Copolimer gel polistirenic reticulat cu divinilbenzen
Aspect	Perle sferice
Grupari functionale	Grupari quaternare de amoniu tip I
Forma ionica	forma OH^-
Capacitatea totală (min.)	1.0 eq/L (21.8 Kgr/ft³) (forma OH^-)
reinerea umidităii	60 - 70 % (forma OH^-)
diametru mediu	705 ± 55 µm
coeficient de uniformitate (max.)	1.2
< 300 µm (max.)	0.3 %
< 850 µm (max.)	90 %
granule întregi (max.)	95 %
conversie (min.)	90 % (forma OH^-)
Dilatare reversibilă, Cl- → OH- (max.)	30 %
densitate specifică	1.07
Greutate de transport (aprox.)	655 - 690 g/L (40.9 - 43.1 lb/ft³)
Limita de temperatură	100 °C (212.0 °F) (forma Cl^-)
Limita de temperatură	60 °C (140.0 °F) (forma OH^-)

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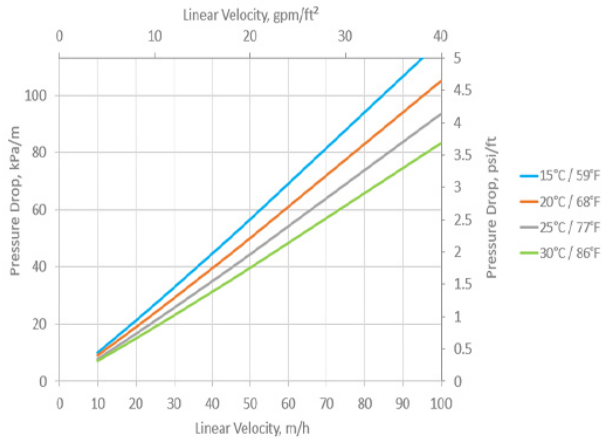
Caracteristici hidraulice

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.

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