

Purolite™ FerrIX™ A33E

ポリスチレン系 マクロポーラス

PRINCIPAL APPLICATIONS

- ヒ素除去

ADVANTAGES

- 酸化鉄ナノ粒子の含浸
- 高いビード強度
- 低圧力損失
- Arsenic removal < 8 ppb
- No need for backwashing during typical operation

REGULATORY APPROVALS

- WQAによるNSF/ANSI-61 Standard証明書
- OSHA 29CFR 1910.1200 認定
- 水の規制に関する諮問制度認可

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

** Once the resin is put into service, backwashing is not permitted as this will lead to shortened bed life.*

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

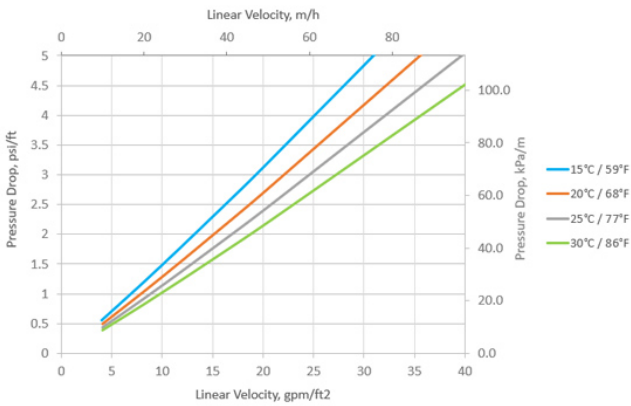
Polymer Structure	ジビニルベンゼン架橋ポリスチレン
Appearance	褐色球状
粒径範囲	300 - 1200 µm
< 300 µm (max.)	1 %
均一係数 (最大)	1.7
見かけ密度 (概算)	720 - 760 g/L (45.0 - 47.5 lb/ft³)
温度制限	80 °C (176.0 °F)
許容pH、運転	4.5 - 8.5

油压特性

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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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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