

# Purolite™ FerrIX™ A33E

polistirenic macroporos

## PRINCIPALELE APLICATII

- eliminarea arsenicului

## AVANTAJE

- Infused with nano-sized particles of iron oxide
- Rezistență superioară a granulelor
- Cadere mica de presiune
- Arsenic removal < 8 ppb
- No need for backwashing during typical operation

## APROBARI DE REGLEMENTARE

- Certificat de WQA conform standardului NSF ANSI 61
- Certificat OSHA 29CFR 1910.1200
- Aprobat de schema consultativă pentru reglementarea apei

## AMBALAJE TIPICE

- sac 1 ft³
- 25 L sac
- Butoi (Fibră) de 5 CF
- 1 M³ supersac
- supersac de 42 CF

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

## CARACTERISTICI TIPICE FIZICE SI CHIMICE

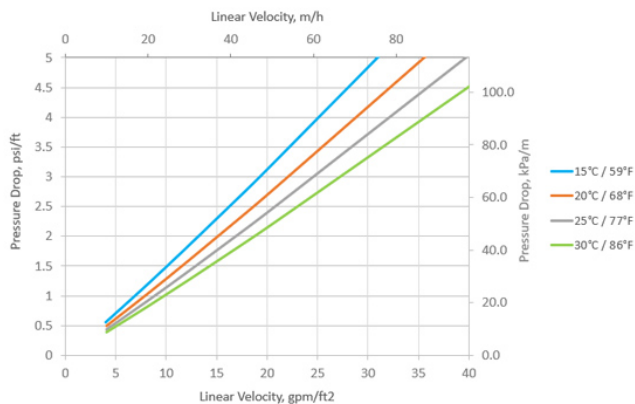
Structura polimerica	Polistiren reticulat cu divinilbenzen
Aspect	granule sferice maro
Distribuia granulometrică	300 - 1200 µm
< 300 µm (max.)	1 %
coeficient de uniformitate (max.)	1.7
Greutate de transport (aprox.)	720 - 760 g/L (45.0 - 47.5 lb/ft³)
Limita de temperatură	80 °C (176.0 °F)
limite de pH, operare	4.5 - 8.5

# 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.

[www.puoliteresins.com](http://www.puoliteresins.com)



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