

# Purolite™ C107E

Polyacrylique Poreux, Résine cationique faiblement basique, Forme hydrogène, Qualité pour l'eau potable

## APPLICATIONS PRINCIPALES

- Adoucissement - Eaux potables
- Déalcalinisation

## AVANTAGES

- Excellente cinétique
- Capacité opératoire élevée
- Excellente sélectivité pour les métaux lourds

## SYSTÈMES

- Solutions organiques aqueuse

## AUTORISATIONS RÉGLEMENTAIRES

- Qualifié par les normes WQA to NSF /ANSI-44
- Approuvé par les autorités réglementaires pour l'eau

## CONDITIONNEMENT CLASSIQUE

- 1 ft<sup>3</sup> Sack
- Sac de 25 l.
- Fût (fibre) 5 ft<sup>3</sup>
- 1 m<sup>3</sup> Supersack
- Supersac 42 ft<sup>3</sup>

## CARACTÉRISTIQUES PHYSICO-CHIMIQUES TYPQUES

Structure du polymère	Résine réticulée polyacrylique poreuse
Apparence	Billes sphériques
Groupe fonctionnel	Acide carboxylique
Forme ionique	Forme H <sup>+</sup>
Capacité totale (min.)	3.6 eq/L (78.7 kgr/ft <sup>3</sup> ) (Forme H <sup>+</sup> )
Rétention d'humidité	53 - 58 % (Forme H <sup>+</sup> )
Plage de granulométrie des billes	300 - 1600 µm
< 300 µm (max.)	0.5 %
Gonflement réversible, H <sup>+</sup> → Ca <sup>2+</sup> (max.)	25 %
Gonflement réversible, H <sup>+</sup> → Na <sup>+</sup> (max.)	90 %
Densité réelle	1.17
Densité apparente (approx.)	735 - 770 g/L (45.9 - 48.1 lb/ft <sup>3</sup> )
Températures limites	120 °C (248.0 °F)

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)



We're ready to solve your process challenges.

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

Contact Us Form:



The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Purolite expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

