

# Purolite™ PCA433

Poliestireno Gel, Resina Aniónica  
Fuertemente Básica Tipo I, Forma de  
cloruro, Grado cromatográfico

## PRINCIPALES APLICACIONES

- Separación de iones y materiales ionizables

## VENTAJAS

- Excelente resistencia a choque osmótico
- Excelente resistencia al choque térmico

## APROBACIONES REGULADORAS

- Certificado Halal IFANCA
- Certificado Kosher

## ENVASE TÍPICO

- Bolsa de 1 pie<sup>3</sup>
- Bolsa de 25 L
- Tambor (fibra) de 5 pie<sup>3</sup>
- Supersack de 1 m<sup>3</sup>
- Supersack de 42 pie<sup>3</sup>
- Transporte a granel (sólo Norteamérica)

## CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Estructura del polímero	Gel reticulado poliestireno con divinilbenceno
Aspecto	Esferas
Grupo funcional	Amonio cuaternario de tipo I
Forma iónica	Cl <sup>-</sup> forma
Capacidad total (min.)	1.3 EQ/L (28.4 Kgr/pie <sup>3</sup> ) (Cl <sup>-</sup> forma)
Retención de la humedad	48 - 57 %
Rango de tamaño de esferas	150 - 350 µm
< 150 µm (max.)	15 %
Coefficiente de uniformidad (max.)	1.4
Hinchamiento reversible, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	30 %
Densidad específica	1.08
Peso de envío (aprox.)	650 - 690 g/L (40.6 - 43.1 lb/pie <sup>3</sup> )
Límite de temperatura	100 °C (212.0 °F) (Cl <sup>-</sup> forma)
Límite de temperatura	60 °C (140.0 °F) (OH <sup>-</sup> forma)

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.



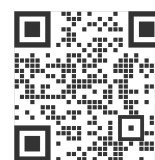
[www.puoliteresins.com](http://www.puoliteresins.com)



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.

