

# Purolite™ C100EDL

Poliestireno Gel, Resina Catiónica  
Fuertemente ácida, Forma de sodio,  
Grado de lecho em lechodas, Grado  
de agua potable

## PRINCIPALES APLICACIONES

- Desmineralización - agua Potable
- desmineralización - bebidas e alimentos

## VENTAJAS

- buena separación

## SISTEMAS

- Lecho mixto
- Lechos en lechodas

## APROBACIONES REGULADORAS

- Cumple con regulación FDA 21 CFR 173.25 para el tratamiento de alimentos, intercambiadores de iones
- Compatible con resolución Europea ResAP 2004 3

## 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>

## CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Estructura del polímero	Gel reticulado poliestireno con divinilbenceno
Aspecto	Esferas
Grupo funcional	ácido sulfónico
Forma iónica	Na <sup>+</sup> forma
Capacidad total (min.)	1.9 EQ/L (41.5 Kgr/pie <sup>3</sup> ) (Na <sup>+</sup> forma)
Retención de la humedad	46 - 50 % (Na <sup>+</sup> forma)
Rango de tamaño de esferas	600 - 1250 µm
< 600 µm (max.)	2 %
Coefficiente de uniformidad (max.)	1.5
Hinchamiento reversible, Na <sup>+</sup> → H <sup>+</sup> (max.)	10 %
Hinchamiento reversible, Ca <sup>2+</sup> → Na <sup>+</sup> (max.)	8 %
Densidad específica	1.27
Peso de envío (aprox.)	800 - 840 g/L (50.0 - 52.5 lb/pie <sup>3</sup> )
Límite de temperatura	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)



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