

# Purolite™ C100EDL

ポリスチレン系 ゲル, 強酸性カチオン  
交換樹脂, ナトリウム形, 複層用グ  
レード, 飲料水用グレード

## PRINCIPAL APPLICATIONS

- 脱塩 - ポータブル水
- 脱塩 - 食品とビバレッジ

## ADVANTAGES

- 高い分離性

## SYSTEMS

- 混床樹脂
- 複層

## REGULATORY APPROVALS

- FDA Regulation 21 CFR 173.25 for Food Treatment, Ion Exchangers 準拠
- Europe Resolution ResAP (2004)3 準拠

## TYPICAL PACKAGING

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

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	ジビニルベンゼンにより架橋されたポリスチレンゲル
Appearance	球形ビード
Functional Group	硫酸
Ionic Form	Na <sup>+</sup> 形
総交換容量 (最小)	1.9 eq/l (41.5 Kgr/ft³) (Na <sup>+</sup> 形)
水分含有率	46 - 50 % (Na <sup>+</sup> 形)
粒径範囲	600 - 1250 µm
< 600 µm (max.)	2 %
均一係数 (最大)	1.5
可逆的膨張, Na <sup>+</sup> → H <sup>+</sup> (最大)	10 %
可逆的膨張, Ca <sup>2+</sup> → Na <sup>+</sup> (最大)	8 %
比重	1.27
見かけ密度 (概算)	800 - 840 g/L (50.0 - 52.5 lb/ft³)
温度制限	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.

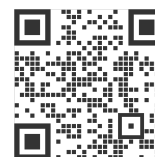
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