

Purolite™ C107E

ポリアクリル系 ポア, 弱酸性カチオン
交換樹脂, 水素形, 飲料水用グレード

PRINCIPAL APPLICATIONS

- 軟水—飲料水
- 脱アルカリ

ADVANTAGES

- 非常に高い反応速度
- 高交換容量
- 非常に高い重金属への選択性

SYSTEMS

- 有機物水溶液

REGULATORY APPROVALS

- WQAによるNSF/ANSI-61 Standard 証
明書
- 水の規制に関する諮問制度認可

TYPICAL PACKAGING

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

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	ポリアクリル酸架橋ポーラス型
Appearance	球形ビード
Functional Group	カルボン酸
Ionic Form	H ⁺ 形
総交換容量 (最小)	3.6 eq/l (78.7 Kgr/ft³) (H ⁺ 形)
水分含有率	53 - 58 % (H ⁺ 形)
粒径範囲	300 - 1600 µm
< 300 µm (max.)	0.5 %
可逆的膨張率, H ⁺ → Ca ²⁺ (運転時)	25 %
可逆的膨張, H ⁺ → Na ⁺ (最大)	90 %
比重	1.17
見かけ密度 (概算)	735 - 770 g/L (45.9 - 48.1 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.



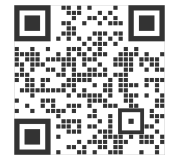
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