

Resinex™ KW-8

強酸性陽離子交換樹脂

Resinex™ KW-8 是專門為飲用水處理設計的高純度、高品質『強酸性凝膠型陽離子交換樹脂』。Resinex™ KW-8 為球狀交聯聚苯乙烯二乙烯苯樹脂，球狀完整，流出物少，適用於多種飲用水處理。Resinex™ KW-8 產品為淡琥珀色透明球狀顆粒、經嚴格的濾淨轉換，有效去除味道、氣味和顏色。Resinex™ KW-8 獲得美國食品藥物監督管理局 (FDA) CFR 21, §173.25、歐洲 ResAP (2004) 3 以及 WRAS BS 6920 認證。

產品屬性

| | |
|--|------------------------|
| 類型 | 交聯聚苯乙烯- 二乙烯苯 |
| 型態 | 凝膠型、琥珀色透明球狀顆粒 |
| 官能基 | 磺酸基 |
| 球型顆粒完整度 | 95% min. |
| 離子型式 (出廠) | Na ⁺ |
| 粒徑大小 | 0.42 - 1.25 mm |
| 有效粒徑 | 0.45± 0.55 mm |
| 體密度 (出廠) | 820 kg/m ³ |
| 真實密度 | 1.28 g/cm ³ |
| 含水量 | 45 - 50% |
| 總交換量 (Na ⁺) | 1.90 eq/l min. |
| 體積變化率 Ca ²⁺ → Na ⁺ | 2% max. |
| 溫度穩定性 | 120°C max. |
| pH 值穩定性 | 0 - 14 |
| 脫色 | 25 APHA max. |

產品規格

| | |
|-------------|------------------|
| 床層深度 | > 700 mm |
| 運作流速 | 8 - 40 BV/h |
| 反洗膨脹率 | 50 - 75% |
| 再生液 NaCl 濃度 | 8-15% |
| 再生程度 | 8 - 300 g/l |
| 再生液 NaCl 流量 | 5-8 l/h/l |
| 沖洗率 (慢速) | 再生流速下 1 - 3 個床體積 |
| 沖洗率 (快速) | 再生流速下 3 - 6 個床體積 |
| 濁度 | <5.0 NTU |
| 游離氯 | <1.0 ppm |

主要特色及優點

- 強效乾淨的濾淨轉換及沖洗能力
最極致的去除味道、氣味和顏色
- 最高完整的球狀顆粒
光滑耐磨特優級，壓力耗損最低
- 低流出物 - 美國食藥署 (FDA) 認證
經過特殊處理，能消除有機物質溶出，保證符合美國 FDA 法規：CFR section 21, §173.25 規定
- 歐洲 ResAP (2004) 3 認證
符合歐洲議會 (2004) 3 規定，同意允許在食品加工製程使用
- WRAS BS 6920 認證
符合 BS 6920 規定，可使用在冷水及低於 85°C 的熱水中
- 台灣 FDA 衛服部食藥署認證
符合『食品添加物使用範圍』規定
- 富邦產品責任險 1000 萬

應用範圍

- 住宅用 - 水質軟化、飲用水 - 水質軟化
- 工業用 - 水質軟化
- 自來水 - 水質軟化

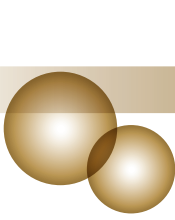
包裝規格

- 25 公升裝聚乙烯 (PE) 閘口袋
- 1000 公升裝



本產品通過 NSF/ANSI Standard 44 材料安全測試

A minimum flow of 0.39 gpm per cubic foot of media is required.



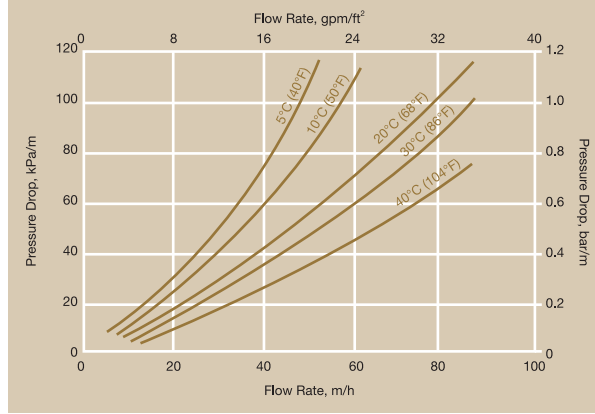
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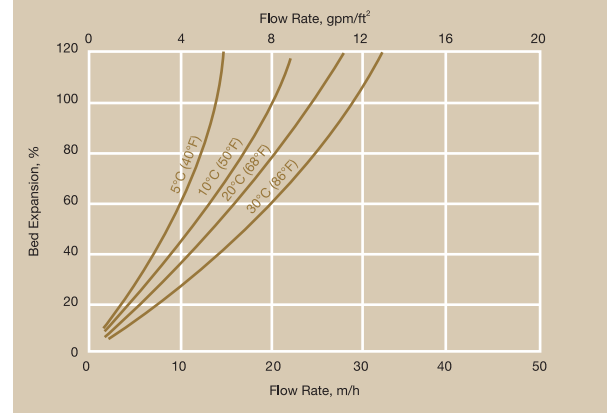
Resinex™ KW-8

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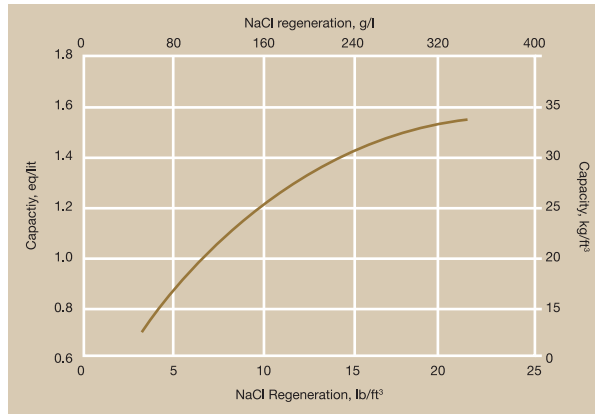
壓降曲線



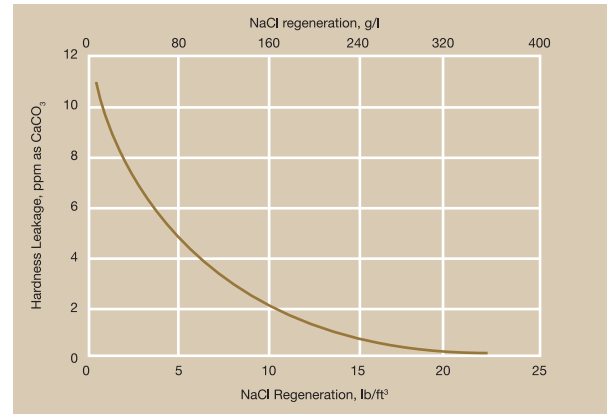
反洗膨脹曲線



性能曲線



硬度洩漏曲線



如性能曲線和硬度洩露曲線圖所示，假設運行流速為 4 gpm/ft² (32 l/h/l)，總溶解固體物量 400ppm，硬度為 20 格令，同時增加總溶解固體量和總硬度，可導致硬度洩露增加，性能下降。

NOTICE If this product is to be used for potable water treatment, or any food grade application, a special procedure must be applied for the initial run. Please ask your nearest Jacobi office for this technical bulletin.

Product Packing



25 公升裝 聚乙烯開口袋
48 包 / 棧板



1000 公升裝 聚丙烯材質



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CAUTION Strong oxidizing agents such as nitric acid can react violently with ion exchange resins and cause explosive type reactions. Before using strong oxidants, consult sources knowledgeable in the handling of these materials.



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