

Purolite™ CriticalResin™ NRW3560

ポリスチレン系 マクロポーラス, ゲル, 混床樹脂, 水素形, OH形, 原子カグレート

PRINCIPAL APPLICATIONS

- 一次系精製
- 蒸気発生器のブローダウン脱塩

TYPICAL PACKAGING

- 1 CF Box
- 5 ft³ Drum (Fiber)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

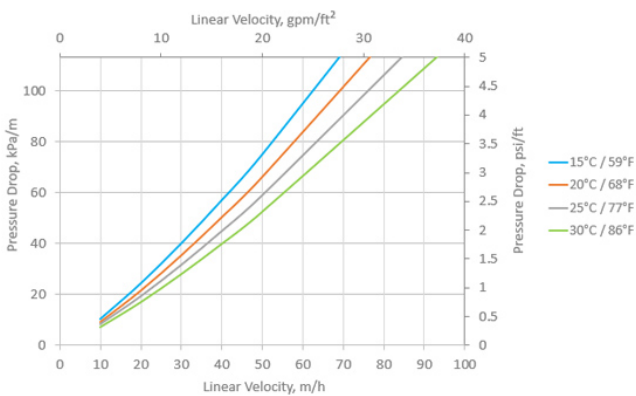
| | | |
|--------------------------------------|------------------------------------|------------------------------|
| Appearance | 球形ビード | |
| 粒径範囲 | 425 - 1200 µm | |
| < 425 µm (max.) | 2 % | |
| 均一係数 (最大) | 1.7 | |
| 不純物 鉄 (最大) | 50 ppm | |
| 不純物 ナトリウム (最大) | 30 ppm | |
| 不純物重金属 (最大) | 40 ppm | |
| CO ₃ ²⁻ 形 (最大) | 5 % | |
| SO ₄ ²⁻ 形 (最大) | 0.1 % | |
| Cl ⁻ 形 (最大) | 0.1 % | |
| 比重 | 1.08 | |
| 見かけ密度 (概算) | 720 - 750 g/L (45.0 - 46.9 lb/ft³) | |
| 温度制限, 非再生樹脂塔 | 100 °C (212.0 °F) | |
| 温度制限, 再生樹脂塔 | 60 °C (140.0 °F) | |
| 構成成分名 | マクロポーラス型強酸性カチオン交換樹脂 | ゲル型強塩基性アニオン交換樹脂 |
| ポリマー構造 | ポリスチレン系ジビニルベンゼン架橋マクロポーラス型ポリマー | ジビニルベンゼンにより架橋されたポリスチレンゲル |
| 官能基 | 硫酸 | I型 4 級アンモニウム |
| イオン形 | H ⁺ 形 | OH ⁻ 形 |
| カチオン / アニオン | 1 | 1 |
| 総交換容量 (最小) | 2.1 eq/l (H ⁺ 形) | 1.1 eq/l (OH ⁻ 形) |
| 変換率 (最小) | 99.9 % (H ⁺ 形) | 95 % (OH ⁻ 形) |

油压特性

PRESSURE DROP

The pressure drop across a bed of ion exchange resin depends on the particle size distribution, bed depth, and voids volume of the exchange material, as well as on the flow rate and viscosity of the influent solution. Factors affecting any of these parameters—such as the presence of particulate matter filtered out by the bed, abnormal compressibility of the resin, or the incomplete classification of the bed—will have an adverse effect, and result in an increased head loss. Depending on the quality of the influent water, the application and the design of the plant, service flow rates may vary from 10 to 40 BV/h.

PRESSURE DROP ACROSS RESIN BED



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



We're ready to solve your process challenges.

For further information on products and services, visit www.puoliteresins.com or complete a Contact Us form via PuoliteResins.com/contact-us or use the QR code.

Contact Us Form:



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