

Purolite™ CriticalResin™ NRW100QR

ポリスチレン系 ゲル, 強酸性カチオン
交換樹脂, 水素形, 呈色機能付き, 原子
カグレード

PRINCIPAL APPLICATIONS

- カチオン導電率モニター

ADVANTAGES

- 飽和時に褐色から濃い赤色へ変化

TYPICAL PACKAGING

- 1 CF Box
- 5 ft³ Drum (Fiber)

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	H ⁺ 形
総交換容量 (最小)	1.7 eq/l (37.1 Kgr/ft ³) (H ⁺ 形)
水分含有率	53 - 57 % (H ⁺ 形)
粒径範囲	300 - 1200 µm
< 300 µm (max.)	1 %
均一係数 (最大)	1.7
変換率 (最小)	99.9 % (H ⁺ 形)
可逆的膨張, Na ⁺ → H ⁺ (最大)	8 %
不純物 鉄 (最大)	50 ppm
不純物 ナトリウム (最大)	40 ppm
不純物 重金属 (最大)	40 ppm
比重	1.20
見かけ密度 (概算)	755 - 790 g/L (47.2 - 49.4 lb/ft ³)
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.

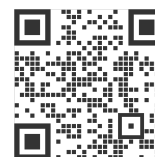
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