

Purolite™ CriticalResin™ NRW5050

ポリスチレン系 マクロポラス, I型
強塩基性アニオン交換樹脂ゲル, OH
形, 均一粒径, 原子カグレード

PRINCIPAL APPLICATIONS

- 蒸気発生器のブローダウン精製
- 一次系におけるCVCS ホウ酸除去
- 一次系冷却材ポリッシャー
- 放射性廃棄物の除染
- 混床樹脂アニオン交換樹脂成分

ADVANTAGES

- ホウ素に対する高い選択性
- 高いOH形への変換率
- 最小の残留塩化物と硫化塩
- 最小の残留金属
- 低い有機物の抽出物と溶出物

TYPICAL PACKAGING

- 1 CF Box
- 5 ft³ Drum (Fiber)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	ポリスチレン系ジビニルベンゼン架橋マクロポラス型ポリマー
Appearance	球形ビード
Functional Group	I型 4 級アンモニウム
Ionic Form	OH ⁻ 形
総交換容量 (最小)	0.9 eq/l (19.7 Kgr/ft³) (OH ⁻ 形)
水分含有率	53 - 58 % (Cl ⁻)
平均径	570 ± 50 µm
均一係数 (最大)	1.2
変換率 (最小)	95 % (OH ⁻ 形)
不純物 鉄 (最大)	50 ppm
不純物 ナトリウム (最大)	20 ppm
不純物重金属 (最大)	30 ppm
CO ₃ ²⁻ 形 (最大)	5 %
SO ₄ ²⁻ 形 (最大)	0.1 %
Cl ⁻ 形 (最大)	0.1 %
比重	1.09
見かけ密度 (概算)	670 - 710 g/L (41.9 - 44.4 lb/ft³)
温度制限, 非再生樹脂塔	100 °C (212.0 °F) (OH ⁻ 形)
温度制限, 再生樹脂塔	60 °C (140.0 °F) (OH ⁻ 形)

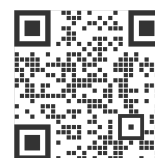
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