PRODUCT DATA SHEET

Purolite™ CriticalResin™ NRW100

聚苯乙烯 凝胶, 强酸阳离子树脂, 氢型, 核级

主要应用

- 一次冷却剂抛光
- 放射性废料净化
- 混床 阳离子组分
- 强碱阴树脂前的阳离子组分

产品优势

- 高度转型到氢型
- 最小金属残留
- 低溶出物，易淋洗
- 高效再生
- 高效分离

适用系统

- 补给水脱盐装置
- 一次冷却剂
- 放射性废料

包装样式

- 1CF 纸盒
- 5 CF 纤维板桶

典型物理和化学参数

聚合物骨架	凝胶型聚苯乙烯二乙烯苯交联
外观	球状颗粒
官能团	磺酸
离子型态	H+ 型
全交换容量（最小）	1.8 eq/L (39.3 Kgr/ft³) (H+ 型)
含水量	51 - 55 % (H+ 型)
粒径分布	425 - 1200 µm
< 425 µm (最大)	2 %
均一系数（最大）	1.7
转型率 (最低)	99.9 % (H+ 型)
杂质 铁（最大）	50 ppm
杂质 钠（最大）	40 ppm
杂质 重金属（最大）	40 ppm
比重	1.20
包装密度（大约）	760 - 800 g/L (47.5 - 50.0 lb/ft³)
温度限制	120 °C (248.0 °F)

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