PRODUCT DATA SHEET

Purolite™ Select SRA4000OH

聚苯乙烯 凝胶, I型 强碱阴树脂, 氢氧型, 满室床级别, Premium Grade

主要应用

- 脱盐 - 高纯水

适用系统

- 满室床体系

产品优势

- 高工作交换容量
- 均颗粒

包装样式

- 1CF 纸盒
- 25L 阀口袋
- 5 CF 纤维板桶
- 42 ft³ 立方袋
- 1M3 立方袋

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	季铵I型
离子型态	OH- 型
全交换容量（最小）	1.0 eq/L (21.8 Kgr/ft³) (OH- 型)
含水量	60 - 70 % (OH- 型)
平均直径	705 ± 55 µm
均一系数（最大）	1.2
< 300 µm (最大)	0.3 %
< 850 µm (最大)	90 %
整球（最小）	95 %
转型率 (最低)	90 % (OH- 型)
转型膨胀率，$Cl^- \rightarrow OH^-$（最大）	30 %
比重	1.07
包装密度（大约）	655 - 690 g/L (40.9 - 43.1 lb/ft³)
温度限制	100 °C (212.0 °F) (Cl^-型)
温度限制	60 °C (140.0 °F) (OH- 型)

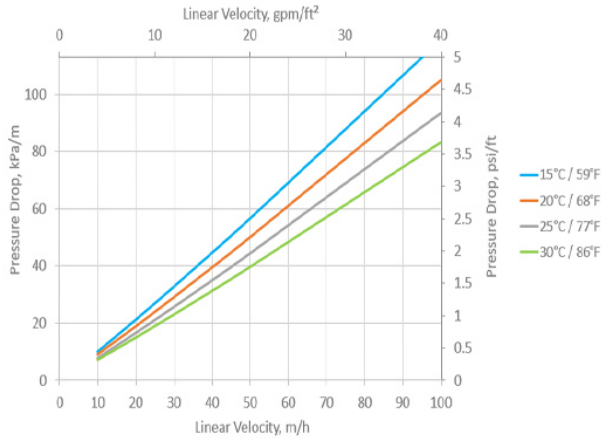
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水力学特性

压降

离子交换树脂的压降取决于粒度分布、床层高度、树脂颗粒间空隙体积，以及物料的流速和粘度。任何对这些参数的影响-比如被树脂床层截住的颗粒物、对树脂床层的异常压缩、床层的不规则分布-都会对压降产生不利影响，造成压头损失。针对不同的物料质量、应用环境和系统设计，流速可能处于10 – 40 BV/h范围内变化。

床层压降



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