

Purolite® A532E

聚苯乙烯 凝胶, 氯型, 饮用水级别

主要应用

- 去除疏水性阴离子
- 除高氯酸盐
- 高钨酸盐去除

产品优势

- 高工作交换容量

认证

- 美国水质协会NSF ANSI61认证

包装样式

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

典型物理和化学参数

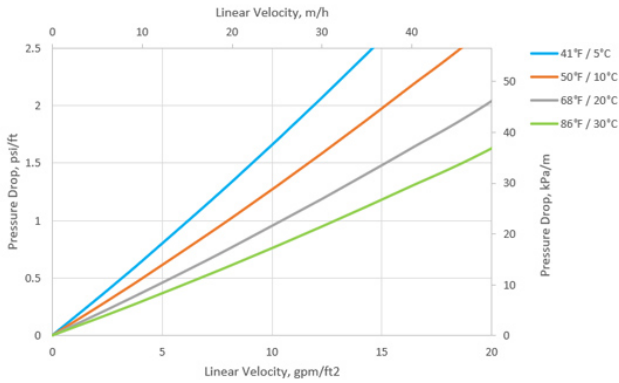
聚合物骨架	凝胶型聚苯乙烯二乙烯苯交联
外观	球状颗粒
官能团	复合氨
离子型态	Cl ⁻ 型
全交换容量 (最小)	0.6 eq/L (13.1 Kgr/ft ³) (Cl ⁻ 型)
含水量	40 - 48 %
平均直径	650 ± 50 μm
均一系数 (最大)	1.2
比重	1.04
包装密度 (大约)	660 - 700 g/L (41.2 - 43.8 lb/ft ³)
温度限制	100 °C (212.0 °F) (Cl ⁻ 型)
温度限制	60 °C (140.0 °F) (OH ⁻ 型)

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。

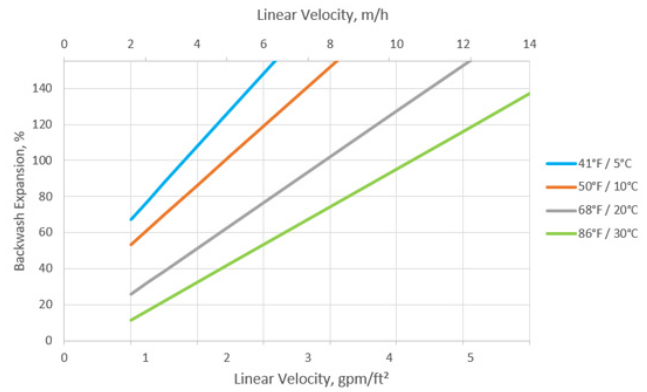
床层压降



BACKWASH

A 20 BV downflow rinse is required before the vessel is put into service. This rinse can be done onsite or offsite pre-installation. Once the resin is put into service, backwashing is not permitted as this will lead to shortened bed life. This is a uniform grade resin with beads of similar size and will not require backwashing for classification / stratification before use. If it is determined, before startup, that air bubbles or particulate matter are trapped within the bed, then backwashing can be done. In that case, the resin bed should be expanded by 50-70% for 10-15 minutes. Please note that bed expansion increases with higher flow rate and lower water temperature. Avoid loss of resin through the top of the vessel by over expansion of the bed.

BACKWASH EXPANSION OF RESIN BED





Algeria
Australia
Bahrain
Brazil
Canada
China
Czech Republic
France
Germany

India
Indonesia
Israel
Italy
Japan
Jordan
Kazakhstan
Korea
Malaysia

Mexico
Morocco
New Zealand
Poland
Romania
Russia
Singapore
Slovak Republic
South Africa

Spain
Taiwan
Tunisia
Turkey
UK
Ukraine
USA
Uzbekistan



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