

Puromet™ MTS9300H

聚苯乙烯 大孔, 亚氨基二乙酸螯合树脂, 氢型, 高交换容量

主要应用

- 废水处理

产品优势

- 高工作交换容量
- 优良的渗透稳定性

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

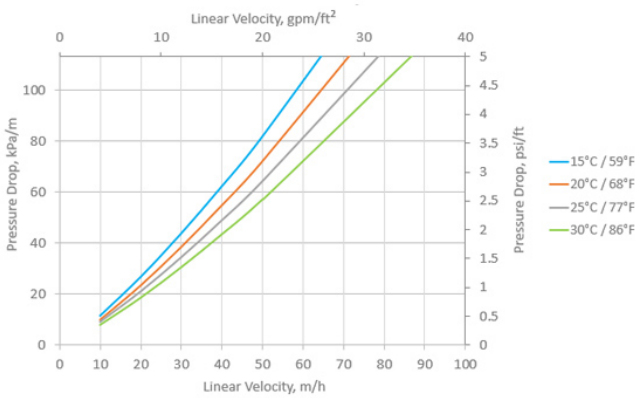
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|--|-------------------------------|
| 聚合物骨架 | 大孔型聚苯乙烯二乙烯苯交联 |
| 外观 | 球状颗粒 |
| 官能团 | 亚氨基二乙酸基 |
| 离子型态 | H ⁺ |
| 铜交换量 (最低) | 50 g/L |
| 含水量 | 52 - 60 % (Na ⁺ 型) |
| 粒径分布 | 425 - 1000 μm |
| < 425 μm (最大) | 2 % |
| 均一系数 (最大) | 1.5 |
| 转型膨胀率, H ⁺ → Na ⁺ (最大) | 35 % |
| 温度限制 | 80 °C (176.0 °F) |

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。

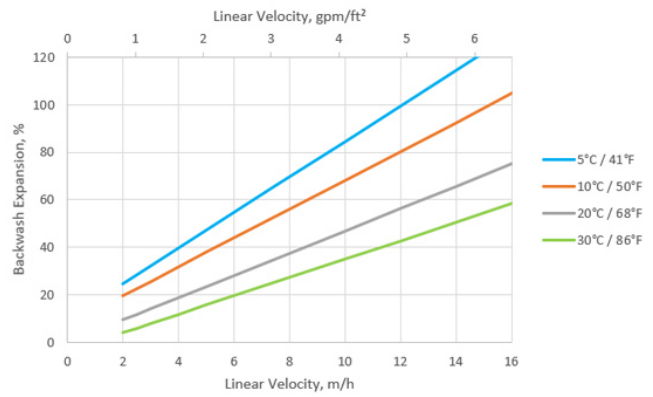
床层压降



反洗

在自下而上反洗过程中，应控制反洗膨胀率在50%到70%之间，至少保持10到15分钟。该操作除去（运行过程中截留的物料中的）颗粒物，清除气泡，并重新规整树脂颗粒，确保最小的流动阻力。第一次投入前，大约30分钟的充分反洗，通常就足以对树脂床层进行适当的规整。值得注意的是，相同流速下反洗膨胀率随温度降低而升高。必须注意，应避免将树脂床层反洗膨胀过甚而导致树脂从顶部流失。

树脂床反洗膨胀率





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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