PRODUCT DATA SHEET

Purolite™ Select SRA5500OH

聚苯乙烯 凝胶, I型 强碱阴树脂, 氢氧型, 均颗粒, Premium Grade

主要应用

- 脱盐 - 高纯水

产品优势

- 高工作交换容量
- 优良的抗渗透冲击能力
- 均颗粒
- 抗静电处理使之更容易与阳树脂分离

适用系统

- 凝结水精处理混床
- Makeup Polishing Mixed Bed
- RO Polishing Mixed Bed
- 工作混床

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	季铵I型
离子型态	OH^-
全交换容量（最小）	1.1 eq/L (24.0 Kgr/ft³) (OH- 型)
含水量	54 - 63 % (OH- 型)
平均直径	590 ± 50 µm
均一系数（最大）	1.2
< 300 µm (最大)	0.5 %
< 850 µm (最大)	99 %
整球（最小）	99 %
转型率 (最低)	90 % (OH- 型)
平均压碎强度	350 g
Breaking Weight <200 g (max.)	5 %
转型膨胀率，$Cl^- \rightarrow OH^-$（最大）	24 %
比重	1.08
包装密度（大约）	660 - 700 g/L (41.2 - 43.8 lb/ft³)
残留铁（最大）	100 ppm
残留铅（最大）	50 ppm
Residual Aluminum (max.)	50 ppm
Residual Copper (max.)	50 ppm
温度限制	100 °C (212.0 °F) (Cl^-型)

2026 Purolite
All rights reserved.

温度限制	60 °C (140.0 °F) (OH- 型)
Recommended Mixed Bed Pairing	Purolite™ Select SRC6500H, SRC6500Na

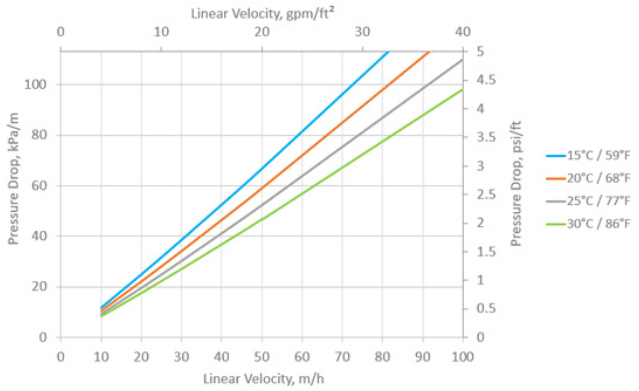
2026 Purolite
All rights reserved.

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



Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.

www.puroliteresins.com



We're ready to solve your process challenges.

For further information on products and services, visit www.puroliteresins.com or complete a Contact Us form via PuroliteResins.com/contact-us or use the QR code.

Contact Us Form:

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Purolite expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

2026 Purolite
All rights reserved.