

Tulsimer® A-654

产品详情

Tulsimer® A-654 大孔弱碱型阴离子交换树脂

Tulsimer® A-654 是一款加载了复杂多胺基官能团的苯乙烯及二乙烯苯共聚物架构的非常持久耐用的大孔弱碱性阴离子交换树脂。由于其独特的物理结构，而使得它具有优越的动力学特性，并且具有极强的耐压能力，因此适合于一些特殊工艺的应用，例如，羧酸的纯化和回收，酸度的去除等等。

Tulsimer® A-654 用氢氧化钠再生后具有极佳的再生效果，并且对冲洗的要求极低，可以抵抗较高的有机物污染。



典型特性 (TYPICAL CHARACTERISTICS): Tulsimer® A-654

型式/Type	大孔弱碱性阴离子交换树脂/Macro-porous weak base anion exchange resin
主体结构/Matrix structure	聚苯乙烯共聚物/Polystyrene copolymer
官能团/Functional group	多胺基/Polyamine
物理型式/Physical form	湿润球状/Moist Spherical beads
离子型式/Ionic form	自由基/Free base
均一系数/Uniformity Coefficient	1.6 Max
总交换容量/Total exchange capacity	2.5 meq/ml min
强碱容量/Strong Base Capacity	5% Max
目数/Screen size USS(wet)	16 to 50
粒径/Particle size	0.3 - 1.2 mm
湿度/Moisture content	40±5%
PH 范围/PH range	0 - 9
反洗密度/Backwash settled density	40 - 42lbs/ft ³ (645- 675 g/L)

溶解性/Solubility	不溶/Insoluble in all common solvents
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操作条件特性 (TYPICAL OPERATING CONDITIONS): **Tulsimer® A-654**

最大操作温度/ Max Operating temperature	60°C
树脂床高度/Resin bed depth	800 mm
最大流速/Maximum service flow	40 m ³ /hr/m ²
逆洗膨胀空间/Backwash expansion space	50 - 70%
逆洗流速/Backwash flow rate	4 - 6 m ³ /hr/m ³
再生剂/Regenerant	NaOH, Na ₂ CO ₃ , NH ₄ OH
再生程度/Regeneration level	40 - 120 g/l
再生剂浓度/Regenerant concentration	1-5%
再生流速/Regeneration flow rate	5- 10 m ³ /hr/m ³
再生时间/Regeneration Contact time	20- 60 min
再生慢流速/Regeneration slow rinse	2 BV minimum
慢冲洗流速/Slow rinse flow rate	再生流速/At regeneration flow rate
快/Fast	工作流速/At service flow rate
快冲洗量/Fast Rinse Volume	2- 7 BV

测试 (TESTING): **Tulsimer® A-654**

离子交换树脂的抽样和测试是按标准的测试程序, 即 ASTM D - 2187 和 IS - 7330, 1998.

包装 (PACKING): **Tulsimer® A-654**

Super Sack	1000 lit	Super Sack	35 cft
MS drums	180 lit.	MS drums	7 cft
HDPE lines Bags	25 lit.	HDPE lines Bags	1 cft

For Handling, Safety and Storage requirements please refer to the individual Material Safety Data Sheets available at our offices. The data included herein are based on test information obtained by Thermax Limited. These data are believed to be reliable, but do not imply any warranty or performance guarantee. Tolerances for characteristics are per BIS/ASTM. We recommend that the user should determine the performance of the product by testing on his own processing equipment.

For further information, please contact: :

如需了解更多产品技术相关问题, 请咨询科海思技术顾问, 欢迎交流!