

## Tulsimer®A-853E

### 产品详情

强碱性阴离子交换树脂

Tulsimer®A-853E 是一种强碱性季铵 I 型阴离子交换树脂。它具有优良的理化稳定性和运行稳定性，它可适用于广泛的 PH 值范围和温度条件。

Tulsimer®A-853E 由于本身的无裂纹特性而具有优良的物理特性，并且表现出非常高的球机械强度。

Tulsimer®A-853E 主要应用在强酸和弱酸的去除，并且再生效率极高

Tulsimer®A-853E 出厂为氯型。



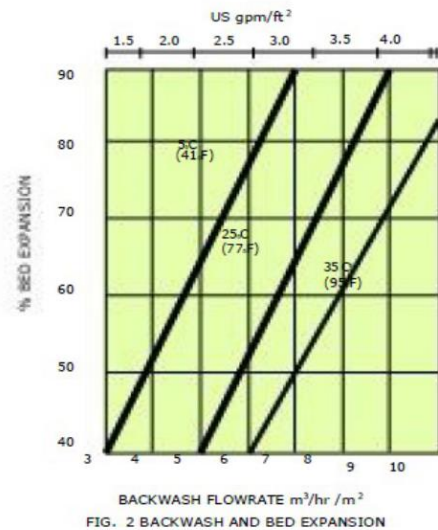
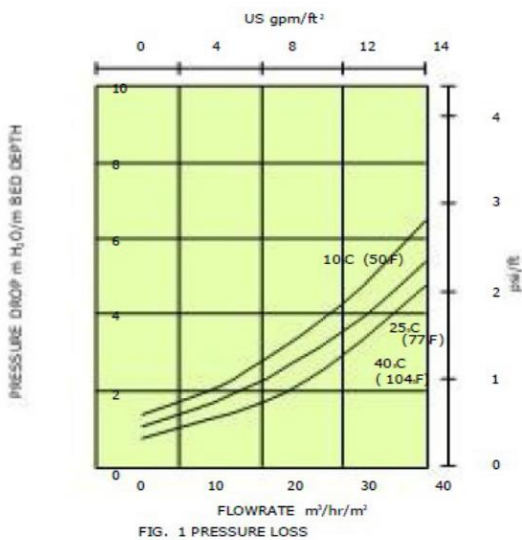
### 典型特性 (TYPICAL CHARACTERISTICS): Tulsimer®A-853E

类型/Type	强碱型阴离子交换树脂/Strong Base AnionExchange Resin
主体结构/Matrix structure	聚苯乙烯共聚物/Polystyrene copolymer
官能团/Functional group	季铵 I 型/Quaternary Ammonium Type I
离子形态/Ionic form	氯型/Chloride
物理型式/Physical form	湿润球状/Moist spherical beads
目数/Screen size USS (湿)	50 to 140
粒度/Particle size(95% minm.)	0.1 - 0.3 mm
交换容量 Total exchange capacity(minm.)	1.3meq/ml
膨胀率/Swelling(approx)	Cl- to OH- 12%
湿度/Moisture content	47±3%
反洗稳定密度/Backwash settled density	720 - 780 gm/lit(43 - 45 lbs/cft)
最大温度/Maximum Thermal Stability	80°C (175°F)
PH 范围/PH range	0- 14
溶解性/Solubility	不溶/Insoluble in all common solvent

### 操作特性 (TYPICAL CHARACTERISTICS): **Tulsimer®A-853E**

树脂床高度/Resin bed depth	600 mm(24")
最大流速/Maximum service flow	60m <sup>3</sup> /hr/m <sup>3</sup>
逆洗膨胀空间/Backwash expansion spac	50 - 70%
逆洗膨胀空间/Backwash expansion flow rate(25°C)	5 - 10m <sup>3</sup> /hr/m <sup>2</sup>
再生剂/Regenerant	NaOH
再生程度/Regeneration level	40 - 60 g NaOH/L
再生浓度/Regeneration concentration	4 - 5%
再生时间/Regeneration tim	30 - 60 分钟
操作温度/Maximum Operating temperature	60°C max
冲洗流速/Rinse flow rate: 慢/slow 快/fas	再生流速/At Regeneration flow rate 工作流速/At service flow rate
冲洗体积/Rinse volume	4 - 10m <sup>3</sup> /m <sup>3</sup>

### 水力特性 (HYDRAULIC CHARACTERISTICS): **Tulsimer®A-853E**



### 测试 (TESTING): **Tulsimer®A-853E**

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-853E**

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:

## 案例：

### 回收硫酸项目



业主公司：保密  
工程公司：广州奕航自动化设备有限公司  
行业：钢铁酸洗行业  
地区：广东  
需求：酸回收  
产品：Tulsimer®A-853E  
时间：2016年5月

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！