

## Tulsimer® A-15 MP

### 产品详情:

**Tulsimer® A-15 MP 大孔提取木糖醇专用阴离子交换树脂**

**Tulsimer® A-15 MP** 是一款及其耐用的大孔弱碱性阴离子交换树脂，具有二乙烯苯共聚物架构上加载叔胺官能团的特性。它拥有独特的物理架构，以致于使得它比凝胶型弱碱型阴离子交换树脂具有更优越的动力学和更强的抗渗透冲击压能力。

**Tulsimer® A-15 MP** 使用烧碱再生时有极高的工作能力，并且对冲洗要求很低。它比一般的凝胶型阴离子交换树脂有更好的抗有机物污染的能力。

**Tulsimer® A-15 MP** 以硼酸作为官能团，是特殊应用领域树脂。



### 典型特性 (TYPICAL CHARACTERISTICS): Tulsimer® A-15 MP

类型/Type	大孔离子交换树脂/Macroporous ion Exchange Resin
主体结构/Matrix structure	聚苯乙烯共聚物/Polystyrene copolymer
官能团/Functional group	硼酸/Boric Acid
离子形态/Ionic form	游离碱/Free base
物理型式/Physical form	湿润球状/Moist spherical beads
目数/Screen size USS (湿)	16 to 50
粒度/Particle size(95% minm.)	0.3 - 1.2 mm
膨胀率/Swelling(approx)	Free base to Cl- 20%
湿度/Moisture content	47±3%
反洗稳定密度/Backwash settled density	640 - 670 gm/lit(40 - 42 lbs/cft)
最大温度/Maximum Thermal Stability	80°C (175°F)
PH 范围/PH range	0- 9
溶解性/Solubility	不溶/Insoluble in all common solvent

## 操作条件特性 (TYPICAL OPERATING CONDITIONS) **Tulsimer® A-15 MP**

树脂床高度/Resin bed depth	600 mm(24")
最大流速/Maximum service flow	40m <sup>3</sup> /hr/m <sup>3</sup>
逆洗膨胀空间/Backwash expansion space	50 - 70%
逆洗膨胀空间/Backwash expansion flow rate(25°C)	4 - 6m <sup>3</sup> /hr/m <sup>2</sup>
再生剂/Regenerant	NaOH, Na <sub>2</sub> CO <sub>3</sub> ,NH <sub>4</sub> OH
再生程度/Regeneration level	120% of the operating capacity for NaOH
再生浓度/Regeneration concentration	1 - 5%
再生时间/Regeneration time	20 - 60 分钟
操作温度/Maximum Operating temperature	80°C max
冲洗流速/Rinse flow rate: 慢/slow	再生流速/At Regeneration flow rate
快/fast	工作流速/At service flow rate
冲洗体积/Rinse volume	2- 7m <sup>3</sup> /m <sup>3</sup>

## 进水条件 (INFLUENT LIMITATIONS): **Tulsimer® A-**

### 15 MP

游离氯/Free chlorine	无/Not traceable
浊度/Turbidity	小于 2 NTU/Less than 2 NTU
铁和重金属含量/Iron and heavy metals	小于 0.1ppm/Less than 0.1ppm

## 测试 (TESTING): **Tulsimer® A-15 MP**

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-15 MP**

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:*

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