

## Tulsimer<sup>®</sup> CH - T17

ISO-9001/ISO-14001/OHSAS-18000

### 铊金属选择性去除专用螯合离子交换树脂

**Tulsimer<sup>®</sup> CH-T17** 是一款含有对铊有极强的螯合吸附官能团的聚苯乙烯共聚物架构的非常耐用的大孔型树脂。

**Tulsimer<sup>®</sup> CH-T17** 通过形成极稳定的铊选择性官能团来选择性去除铊金属。此树脂在广泛的 PH (0-14) 范围内都是稳定的可靠的, 并且它们的离子形态几乎不影响树脂的吸附能力。由于其对铊有极强的螯合作用, 因此即是高盐条件下, 也具有极高的处理精度 (< 1ppb)。且该树脂对铊有很高的吸附容量, 大约 100g/L。所以该树脂广泛应用于锂业及其他有色金属废水及溶液除铊, 半导体废水除铊等。

**Tulsimer<sup>®</sup> CH-T17** 很容易用盐酸或者硫酸再生。

### 典型特性 (TYPICAL CHARACTERISTICS): **Tulsimer<sup>®</sup> CH-T17**

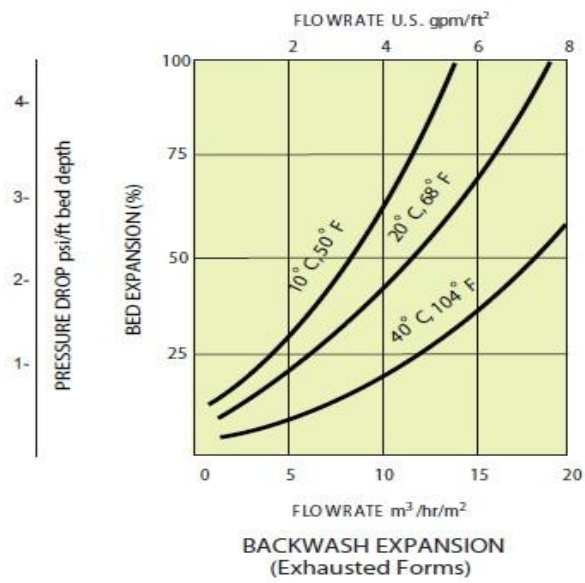
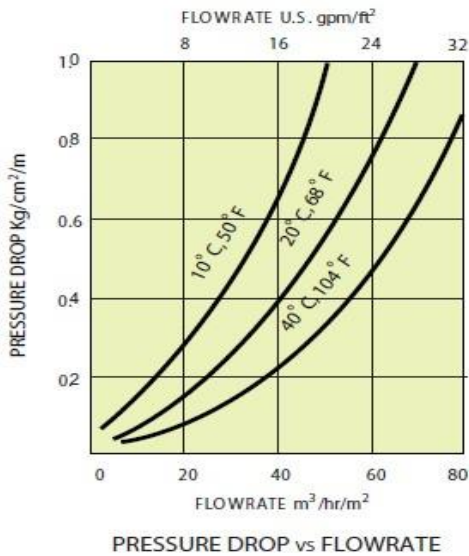
主体结构/Matrix Structure	大孔交联聚苯乙烯/Macro porous Cross-linked Polystyrene
官能基/Functional group	铊选择性官能团
物理形态/Physical form	湿润球形/Moist Spherical Beads
离子型式/Ionic form	氯/Chloride
目数/Screen Size USS(wet)	16 - 50
粒度/Particle Size (95% min)	0.3 - 1.2 mm
总交换量/Total exchange capacity	100g Tl/lit
湿度/Moisture content	40±3%
反洗稳定密度/Backwash settled density	670 - 720g/l
热稳定性°C/°F/ Thermal Stability	60°C (140°F)
操作 PH/Operating pH range	0 - 14
溶解度/Solubility	不溶于一般溶剂/Insoluble in all common solvents



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**水力特性 (HYDRAULIC CHARACTERISTICS): Tulsimer® CH-T17**



**测试 (TESTING): Tulsimer® CH-T17**

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® CH-T17**

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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