

Tulsimer® T-63MP

产品详情:

Tulsimer® T-63 MP 催化剂级强酸型核子级离子交换树脂

加载在聚合物基质上的酸性官能团与同类型的矿物质酸具有相同的化学性质，离子交换树脂实现了具有酸性催化剂的性质，并且易于从混合的产品中分离出来的目的。

Tulsimer® T-63 MP 是催化剂级别强酸型阳离子交换树脂。凭借其大孔的特性，而允许快速反应物扩散到其内部。

Tulsimer® T-63 MP 的大的表面积能够使大量的催化剂位点参与到催化反应中去。这将有助于催化反应更快更好的运行。它具有优良的机械强度，耐磨性和对较高温度，氧化性，溶剂等的适应性。

Tulsimer® T-63 MP 特别适用于用氢离子做催化剂的有机化学反应中，代替 H₂SO₄ 或者 HCl 等矿物质酸。



典型特性 (TYPICAL CHARACTERISTICS): Tulsimer® T-63 MP

型式/Type	大孔强酸性阳离子交换树脂/Macroporous Strong acid cation exchange resin
主体结构/Matrix structure	聚苯乙烯共聚物/Polystyrene copolymer
官能基/Functional group	核子级磺酸基/Nuclear sulphonic
物理型式/Physical form	球状/Spherical beads
离子型式/Ionic form	氢/Hydrogen
目数/Screen size mesh	16 – 40 US Mesh
粒径分布/Particle size	0.42 to 1.2 mm
H+ 浓度/H+ Ion concentration	4.8 meq/dry gm
湿度/Moisture content	1%
允许温度/Temperature Stability	130°C

操作条件特性 (TYPICAL OPERATING): **Tulsimer® T-63 MP**

树脂床高度/Resin bed depth	800 mm
最大流速/Maximum service flow	30 m ³ /hr/m ³
逆洗膨胀空间/Backwash expansion space	40 - 75%
逆洗流速/Backwash flow	8 - 10 m ³ /hr/m ³
再生剂/Regenerant	HCl/ H2SO4
再生程度/Regeneration level	50 - 200 g HCl/l, 200 - 250 g/l H2SO4
再生剂浓度/Regenerant concentration	5-8% HCl, 3-4% H2SO4
再生流速/Regenerant flow rate	3- 5 m ³ /hr/m ³
再生时间/Regenerant time	20- 60 min
冲洗流速/Rinse flow rate:	
慢/Slow	再生流速/At regeneration flow rate
快/Fast	工作流速
冲洗量/Rinse Volume	3- 5 m ³ /m ³

测试 (TESTING): **Tulsimer® T-63 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® T-63 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:.

如需了解更多产品技术相关问题, 可咨询公司技术顾问, 欢迎技术交流!