Tulsimer ®MB-115

MIXED BED ION EXCHANGE RESIN FOR ULTRA PURE APPLICATION

Tulsimer® MB-115 is a mixture of strong acid cation exchange resin Tulsimer® T-46 (H) and strong base anion exchange resin Tulsimer® A-33OH in 1:1.5 volumetric ratio.

Tulsimer® MB- 115 is a specially designed as a polisher to obtain low conductivity water

Tulsimer® MB-115 is the ideal choice for electronic industries, which manufacture semi conductors and television tubes etc. where ultra pure water is required.

TYPICAL CHARACTERISTICS OF TULSION：Tulsimer ®MB-115

	TULSION®T-46	TULSION®A-33
Type	Strong acid cation exchange resin	Strong base anion exchange resin
Matrix Structure	Cross linked polystyrene	Cross linked polystyrene
Functional Group	Sulfonic acid	Quaternary ammonium Type I
Physical Form	Moist spherical beads	Moist spherical beads
Ionic form supplied	Hydrogen	Hydroxide
Screen Size U.S.mesh(wet)	16 to 50	16 to 50
Particle Size	0.3 to 1.2 mm	0.3 to 1.2 mm
Fines Content	Less than 0.3 2% passing through 40 U.S.mesh	Less than 0.3 2% passing through 40 U.S.mesh
Total exchange capacity	1.8 meq/ml minimum of 99% in hydrogen form	1.0 meq/ml minimum of 90% in OH form and less than 1% in Cl form
pH range	0 to 14	0 to 14
Temperature stability	120°C	80°C
Solubility	Insoluble in all common solvents	Insoluble in all common solvents
Organic leachables	Less than 0.2 mg KMNO4 per ml of wet resin	Less than 0.2 mg KMNO4 per ml of wet resin

北京公司：北京市丰台区汉威国际广场三区2号楼8层
湖北公司：湖北省孝感市孝南区北京南路寰城南方国际写字楼 C1-0734/0735
技术热线：400-8388-151

Backwash settled density	Approx.750 gm/liter	
Impurities	Fe=50 ppm(max)	Fe=50 ppm(max)
	Cu=50 ppm(max)	Cu=50 ppm(max)
	Pb=50 ppm(max)	Pb=50 ppm(max)
Bead strength	Avg. not less than 500g/bead by Chatillon test	Avg. not less than 300g/bead by Chatillon test

TESTING

The sampling and testing of ion exchange resin is done as per standard testing procedures, namely ASTMD-2187 and IS-7330, 1998.

PACKING

Super Sack	1000 lit	Super Sack	35 cft
MS drums	180 lit.	Fiber Drums	7 cft
HDPE lines Bags	25 lit.	HDPE Lined 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 date 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：

某电子 EDI 产水制 18.2 兆超纯水项目

业主公司：某电子元器件有限公司
工程公司：无锡锡云环保科技有限公司
行　　业：超纯水行业
地　　区：江苏
需　　求：制备超纯水
产　　品：Tulsimer®MB-115
时　　间：2017 年 6 月

某电子 EDI 产水制 18.2 兆超纯水项目

业主公司：某电子材料有限公司
工程公司：苏州瑞楷德工程设备有限公司
行　　业：超纯水行业
地　　区：江苏
需　　求：制备超纯水
产　　品：Tulsimer®MB-115
时　　间：2016 年 5 月

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！

北京公司：北京市丰台区汉威国际广场三区2号楼8层
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