THERMAX

TULSION® A-30 MP

'Acrylic Macroporous' Strong Base Anion Exchange Resin Type I

TULSION® A-30 MP is a 'Macroporous' strong base anion exchange resin based on poly-acrylamide matrix, containing quaternary ammonium groups.

TULSION® A-30MP has excellent physical characteristics due to its crack-free nature. This resin has exceptional physical and chemical stability leading to long life, high operating capacity and low rinse requirements. Its excellent basicity Type - I resin shows greater regeneration efficiency.

TULSION® A-30MP is widely used for de-colorization of sugar solution in Sugar industry. In such application, color bodies are relatively high, which is taken care by this resin. This resin is easily re-generable with alkaline brine solution. It is suited for use in a wide range of pH and elevated temperature conditions.

TYPICAL CHARACTERISTICS – TULSION® A-30 MP

Type	:	Macro-porous strong base anion exchange resin
Matrix structure	:	Cross linked poly-acryl amide
Functional group	:	Quaternary Ammonium Type I
Physical form	:	Moist Spherical Beads
Ionic form	:	Chloride
Screen Size USS (wet)	:	16 to 50
Particle size (95% min)	:	0.3 to 1.2 mm
Total Exchange Capacity (min)	:	0.7 meq/ ml(min)
Moisture content	:	67 ± 3%
Max. Temp Stability	:	60° C (140° F)
Backwash settled density	:	43 to 47 lbs/ft^3 (700 to 750 g/l)
pH range	:	0 to 12
Solubility	:	Insoluble in all common solvents

TESTING

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

PACKING

Super sacks	1000 liters
MS drums	180 liters
HDPE lined bags	25 liters

Super sacks	35 cft
Fiber drums	7 cft
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 data are believed to be reliable, but do not imply any warranty or performance guarantee. Tolerances for characteristics are as per BIS/ASTM. We recommend that the user should determine the performance of the product by testing on own processing equipment.

For further information, please contact:

THERMAX

THERMAX LIMITED
CHEMICAL DIVISION

An ISO 9001 Company
97-E, GENERAL BLOCK,
M.I.D.C. BHOSARI,
PUNE 411 026, INDIA
TEL. : +91(20) 2712 0181, 2712 0169
FAX : +91(20) 2712 0206
E-mail : resins@thermaxindia.com
Website : www.thermaxindia.com/chemical

USA Office :
THERMAX INC.
40440 Grand River Avenue,
Novi, Michigan 48375
U.S.A.
Tel : 248-474-3050
Fax : 248-474-5790

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