

# TULSION<sup>®</sup> A-62 MP

## Premium Grade Macroporous Strong Base Type I Anion Exchange Resin

**TULSION<sup>®</sup> A-62 MP** is a premium grade macro-porous, Type I strong base anion exchange resin having excellent physical and chemical stability. It can be used over a wide range of pH and temperature conditions. Food grade version for potable water treatment is also available.

**TULSION<sup>®</sup> A-62 MP** is highly resistant to organic fouling. It can be used in streams containing high quantity of organic and coloring matter. It can be also used for removal of Nitrate from industrial water and domestic drinking water.

### HYDRUALIC CHARACTERISTICS

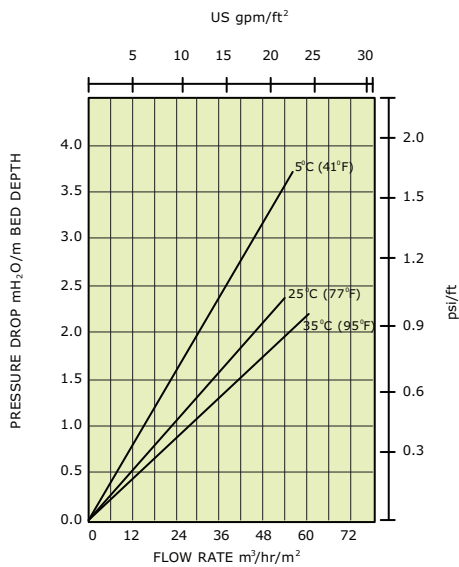


FIG. 1 PRESSURE LOSS

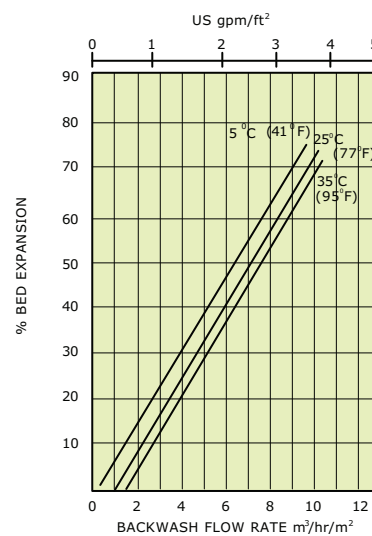


FIG. 2 BACKWASH AND BED EXPANSION

## TYPICAL CHARACTERISTICS – Tulsion® A- 62 MP

Type	:	Macro-porous Strong Base Anion Exchange Resin
Matrix structure	:	Cross-linked polystyrene
Functional group	:	Quaternary Ammonium Type I
Physical form	:	Moist spherical beads
Ionic form	:	Chloride
Screen size USS (wet)	:	16 to 50
Particle size (minm. 95%)	:	0.3 to 1.2 mm
Total exchange capacity (minm.)	:	1.0 meq/ml
Swelling (approx.)	:	Cl <sup>-</sup> to OH <sup>-</sup> 21%
Moisture content	:	52 ± 3%
Backwash settled density	:	700 to 750 g/l (43-47 lbs/cft)
Maximum operating temperature	:	195 °F / 90 °C
pH range	:	0 to 14
Solubility	:	Insoluble in all common solvents

## TESTING

The sampling and testing of ion exchange resins is done as per standard testing procedures, namely ASTM D-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:*



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*In view of our constant endeavour to improve the quality of our products, we reserve the right to change their specifications without prior notice.*

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**Menu**

**Back**