

TULSION[®] A-62 MP

Premium Grade Macroporous Strong Base Type I Anion Exchange Resin

TULSION[®] 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[®] 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.

HYDRAULIC CHARACTERISTICS

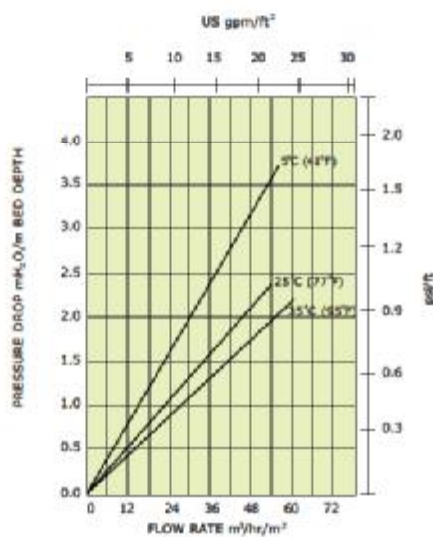


FIG. 1. PRESSURE LOSS

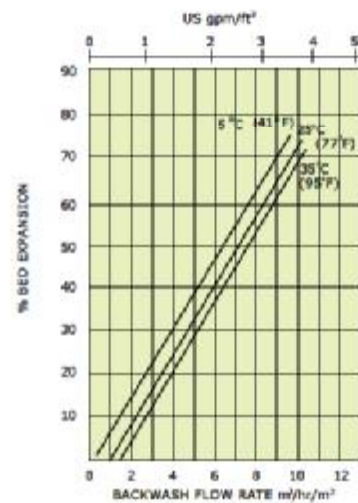


FIG. 2. BACKWASH AND BED EXPANSION



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 ⁻ to OH ⁻ 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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