

## Tulsion® - Water Treatment Resins

Water treatment is principle application of ion exchange resins. According to requirement of water quality for various industries, several water treatment processes based on ion exchange resins are developed. Over 35 years, Tulsion® ion exchange resins are used for water treatment across the globe.

TULSION A-27 MP

MACROPOROUS STRONG BASE

TYPE I ANION EXCHANGE RESIN

TULSION A- 27 MP is a highly efficient and durable, strong base, Type I macroporous anion exchange resin. Its controlled pore structure provides high operating capacity and excellent regeneration efficiency. Used in the deionization of water, TULSION A-27 MP is capable of reducing both strong acid and weak acid concentrations to very low levels.

TULSION A-27 is supplied as moist spherical beads is chloride form with a particle size distribution designed to provide good kinetics and minimum pressure drop.

TULSION A - 2X MP

MACROPOROUS WEAK BASE

ANION EXCHANGE RESIN

TULSION A-2X MP is an extremely durable macroporous weak base anion exchange resin characterized by tertiary amine groups attached to a styrene divinylbenzene copolymer matrix. It has an unique physical structure which gives it superior kinetics and greater resistance to osmotic shock than gel type weak base anion exchangers.

TULSION A-2X MP yields exceptionally high operating capacity on caustic soda regeneration and has low rinse requirements. It has a higher resistance to organic matter than gel type anion exchangers. TULSION A-2X MP is supplied as spherical moist beads in the free base form, ready to use.

TULSION T - 42

STRONG ACID CATION EXCHANGE

RESINING HYDROGEN (T-42 H+) / SODIUM CYCLE (T-42 NA+)

TULSION T-42 is a multi purpose, premium, strong acid cation exchange resin. It is derived from a cross linked polystyrene matrix and contains nuclear sulfuric acid groups.

It exhibits high capacity combined with excellent physical and chemical stability and operating characteristics can be used in wide range of temperature and pH conditions.

TULSION T-42 supplied in the hydrogen form for two bed and mixed bed deionization and in the sodium form for softening applications. TULSION T-42 is well suited for dealkalization and chemical processing.