

# TULSION® CXO-12

## HIGH CAPACITY WEAK ACID CATION EXCHANGE RESIN

TULSION® CXO-12 is a premium quality high capacity weak acid cation exchange resin supplied as moist spherical beads in the hydrogen form. The functional group of the resin is carboxylic acid.

TULSION® CXO-12 has excellent physical and chemical stability and operating characteristics especially lower reversible swelling.

It is suitable for water demineralization, dealkalization, and suited for operation over a wide PH range and temperature conditions. In sodium form this resin is used for softening of water containing high hardness and TDS.

## TYPICAL CHARACTERISTICS

Type	: Weak Base Anion Exchange Resin
Matrix structure	: Polystyrene Copolymer
Functional group	: Tertiary amine
Physical form	: Moist Spherical Beads
Ionic form	: Free base
Screen size U.S.S. (wet)	: 16 to 50
Particle size	: 0.3 to 1.2 mm
Total Exchange Capacity	: 1.5 meq/ml
Swelling (approx.)	: Free base Cl <sup>-</sup> 20%
Moisture content (approx.)	: 47 %
pH range	: 0 to 9
Solubility	: Insoluble in all common solvents
Backwash settled density	: 40 to 45 lbs/ft <sup>3</sup> (640 to 680 g/l)
Shipping Weight	: 0.77 kg / lit

## PACKING :

Super sacks	1000 lits
MS drums	180 lits
HDPE lined bags	20/30 lits

Super sacks	35 cft
Fibre drums	7 cft
HDPE lined bags	1 cft

The data included herein are based on test information obtained by Thermax Limited. This data are believed to be reliable, but does not imply any warranty or performance guarantee. We recommend that the user should determine the performance of the product by testing on his own processing equipment. We assume no liability or responsibility for patent infringement resulting from the use of this product.