



# TULSION<sup>®</sup> CXO-12 (MP)

HIGH CAPACITY MACROPOROUS WEAK ACID  
CATION EXCHANGE RESIN

TULSION<sup>®</sup> CXO-12 (MP) is a premium quality high capacity macroporous weak acid cation exchange resin supplied as moist spherical beads in the hydrogen form. The functional group of the resin is carboxylic acid.

TULSION<sup>®</sup> CXO-12 (MP) has excellent physical and chemical stability and operating characteristics especially lower reversible swelling.

It is suitable for water demineralization, dealkalization and selective removal of heavy metals. It is 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 Acid Cation Exchange Resin
Matrix structure	:	Polyacrylic Copolymer
Functional group	:	Carboxylic
Ionic form	:	H <sup>+</sup>
Physical form	:	Moist Spherical Beads
Screen size U.S.S. (wet)	:	16 to 50
Particle size	:	0.3 to 1.2 mm
Total Exchange Capacity	:	4.1 meq/ml (minimum)
Swelling	:	H <sup>+</sup> to Na <sup>+</sup> 65% (approx.)
Moisture Content (approx.)	:	47%
pH Range	:	5 to 14
Solubility	:	Insoluble in all common solvents
Maxi. operating temperature	:	100° C (210° F)
Back wash settled density	:	750 to 790 g/l
Shipping Weight	:	0.77 kg / lit (approx.)

## PACKING :

Super sacks	1000 lits	Super sacks	35 cft
MS drums	180 lits	Fibre drums	7 cft
HDPE lined bags	25/30 lits	HDPE lined bags	1 cft