



**TULSION**

CAM-401 DI Resin 1 CuFT



THERMAX

**“MIXED BED ION EXCHANGE RESIN FOR CARTRIDGE APPLICATIONS”**

**TULSION® CAM-401** is ready-to-use mixture of gel type cation and anion exchange resins in specially designed volumetric ratio so as to effect complete removal of ionic impurities from water. Superior quality of treated water and high output quantity are important features of **TULSION® CAM-401**.

**TULSION® CAM-401** is specially developed resin for various non-regenerable cartridge applications such as EDM wire cut, window cleaning and car washing.

TYPICAL CHARACTERISTICS TULSION CAM-401		
	CATION RESIN COMPONENT	ANION RESIN COMPONENT
Type	Strong Acid Cation Exchange Resin	Strong base anion exchange resin
Matrix structure	Cross linked polystyrene, Gel type.	Cross linked polystyrene, Gel type
Functional group	Sulphonic acid	Quaternary Ammonium Type I
Physical form	Moist spherical beads	Moist spherical bead
Ionic form supplied	Hydrogen	Hydroxide
Screen Size, US mesh	16 to 50	16 to 50
Particle Size	0.3 to 1.2 mm	0.3 to 1.2 mm
Total exchange capacity	1.6 meq/ml minimum (H <sup>+</sup> form)	1.0 meq/ml minimum (OH <sup>-</sup> form)
Temperature stability	120°C	80°C
Solubility	Insoluble in all common solvents	Insoluble in all common solvents
Shipping weight	750 gm/lit approximately	

INFLUENT LIMITATION	
Free chlorine	Not traceable
Turbidity	Less than 2 NTU
Iron and heavy metals	Less than 0.1 ppm
HDPE lines Bags	25 lit.
HDPE Lined Bags	1 cft ~33lbs

**TESTING :**

The sampling and testing of ion exchange resins is done as per standard testing procedures, namely ASTM D-2187 and IS-7330, 1998.

