

Potassium salt of Amino Trimethylene Phosphonic Acid

(ATMP•K_x)

CAS No. 27794-93-0

Dequest: 2004A

Molecular Formula: C₃H_{12-x}NO₉P₃K_x

Properties:

Dequest 2004A is the partial potassium salt solution of ATMP. ATMP•K_x has better dissolution ability than that of sodium salt. ATMP•K_x can inhibit scale formation, calcium carbonate in particular, in water system .ATMP•K_x can be used in oilfield refill water system.

Specification:

items	index
Appearance	Colorless or light yellow transparent liquid
Active component (ATMP) %	35.0-40.0
Total phosphoric acid (PO ₄ ³⁻) %	34.8-36.8
pH value (1% water solution)	2.0-2.5
Fe ppm	35max
Density (20°C) g/cm ³	1.25-1.35

Usage:

ATMP•K_x is usually used together with organophosphoric acid, polycarboxylic acid, or salts to form organic alkaline agents. ATMP•K_x can be used in circulating cool water system in almost all types of water quality.

Package and Storage:

Normally In 250kg net Plastic Drum, IBC drum can also be used as required. Storage for ten months in room shady and dry place.

Safety Protection:

Weak acidity, Avoid contact with eye and skin, once contacted, flush with water.