



# Lianyungang Kede Chemical Industry Co.,Ltd.

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## TETRA POTASSIUM PYROPHOSPHATE

Chemical Name: Tetra Potassium Pyrophosphate

Synonyms: Tetra potassium pyrophosphate

Molecular formula: K<sub>4</sub>P<sub>2</sub>O<sub>7</sub>

Standard executed: GB 25562—2010

Properties:

Anhydrous tetra potassium phosphate is in white powder or granular. Relative density 2.534 g/cm<sup>3</sup> and melting point 1109°C; It is apt to absorb humidity in the open air to deliquescent; Soluble in water but insoluble in ethanol, and at 25°C, its solubility in water is 187g/100g water; It can chelate with alkaline metals ions or heavy metal ions.

Application:

It mainly applied to electroplating without cyanate, industrial or household detergents; It can used as a buffering reagent as well as stabilizer for hydrogen peroxide; It can also be used as dispersion agent for ceramic, clay, latex and pigments etc.

Packaging :

25KG, inner plastic and outer plastic or paper.

Guaranteed Technical Specifications:

No.	Specifications	Unit	Food Grade
1	Appearance		white powder or white granular
2	K <sub>4</sub> P <sub>2</sub> O <sub>7</sub>	%	≥96.5
3	Iron(Fe)	PPM	≤10
4	Water insoluble matter	%	≤0.1
5	Heavy Metals, (as Pb)	PPM	≤10
6	Arsenic(As)	PPM	≤3
7	F	PPM	10
8	PH Value		10.5±0.5
9	PB	PPM	4
10	Ortho Phosphate		PASS
9	Bulk density	g/ml	0.6
10	granularity		Powder