



## Technical Data Sheet

Product Name: Tetrasodium Pyrophosphate

Molecular Formula:  $\text{Na}_4\text{O}_7\text{P}_2$

Molecular Weight: 265.902402

Appearance: White powder

Technical Indicators:

ITEM	STANDARD
Content ( $\text{Na}_4\text{P}_2\text{O}_7$ ) % $\geq$	96.0
Phosphorus pentoxide ( $\text{P}_2\text{O}_5$ ) % $\geq$	51.5
PH value (1% water solution)	9.9-10.7
Water-insoluble % $\leq$	0.1
Fluoride (F) % $\leq$	0.005
Lead % $\leq$	0.001
Arsenic (As) % $\leq$	0.0003
Loss on burning % $\leq$	0.5

Application: Tetrasodium Pyrophosphate is a coagulant, emulsifier, and sequestrant that is mildly alkaline, with a ph of 10. it is moderately soluble in water, with a solubility of 0.8 g/100 ml at 25°C. it is used as a coagulant in noncooked instant puddings to provide thickening. it functions in cheese to reduce the meltability and fat separation. it is used



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as a dispersant in malted milk and chocolate drink powders. it prevents crystal formation in tuna. it is also termed sodium pyrophosphate, tetrasodium diphosphate, and tspp.

Packaging:25KG/bag.

Storage & Transportation:Store in a cool, ventilated warehouse. The temperature should not exceed 37°C. Should be stored separately with oxidant, edible chemical, avoid mixing storage.

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