

## Sodium HexametaPhosphate

### Suggested applications

Used industries of oil fields, paper-making, textile, dyeing, petroleum, chemistry, metallurgy and construction materials, etc. Used as water softener, flotation selecting agent, disperser and high temperature adhesive.

### Physical properties

White powder; density 2.484(20°C); soluble in water but insoluble in organic solvent; It has got strong hygroscopic and can absorb humidity from the air to become into pasty form; It may form soluble chelates with ions of Ca, Ba, Mg, Cu, Fe etc. and is a good water treatment chemical.

### Packaging & Storage

Packed in 25kg or 1000kg PP+PE bags.  
Customized bags packing is available.  
Stored at cool, dry and well ventilated place.

### Target properties

<b>Chemical formula</b>	(NaPO <sub>3</sub> ) <sub>6</sub>
<b>Molecular weight</b>	611.77
<b>Total phosphates (as P<sub>2</sub>O<sub>5</sub>)% ≥</b>	68
<b>Inactive Phosphates (as P<sub>2</sub>O<sub>5</sub>)% ≤</b>	7.5
<b>Iron (as Fe)% ≤</b>	0.05
<b>Degree of Polymerization</b>	9-21
<b>Water insoluble% ≤</b>	0.1
<b>PH value of 1% solution</b>	5.8-7.3

\*permissible tolerance of 0.1-0.2% is possible for main content and moisture due different testing methods under diverse conditions