



**Name :** Sodium Hexameta Phosphate 68% (SHMP)

**Content :** Chemical formula:( $\text{NaPO}_3$ )<sub>6</sub>

**Molecular weight:**611.77

**Standard executed:** HG/T2837-1997;GB1890-89

**Capacity :** 20,000MT/a

**Properties:**

White powder; Density 2.484(20°C); soluble in water but insoluble in organic solvent; It has got strong hygroscopicity 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.

**Technical Data:**

NO	Indexes	Industrial Grade	Food Grade
1	Total phosphates (as $\text{P}_2\text{O}_5$ )% $\geq$	68	68
2	Inactive Phosphates (as $\text{P}_2\text{O}_5$ )% $\geq$	7.5	7.5
3	Iron (Fe) % $\leq$	0.05	0.05
4	PH Value	5.8-6.5	5.8-6.5
5	Solubility	pass	pass
6	Heavy Metals (as Pb) % $\leq$		0.001
7	Arsenic (As)% $\leq$		0.0003
8	Fluoride (as F) % $\leq$		0.003
9	Water Insoluble matter % $\leq$	0.05	0.06
10	Polymerization	9-21	9-21
11	Fineness (mesh)	60~80	60~80

**Application:**

Used in industries of oil fields, paper-making, textile, dyeing, petroleum, chemistry, metallurgy and construction materials etc. as water softener, flotation selecting agent, disperser and high temperature adhesive; In food industry it used as an additive, nourishing agent, quality improver, pH regulator, metal ions chelating agent, adhesive and leavening agent etc.

**Package:**

In double layer bags of 25 Kg or 50 Kg or 1000 Kg net. It must be stored in places well ventilated and dry.