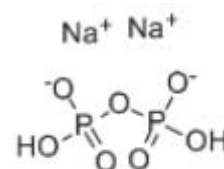




Technical Data Sheet

Chemical Name:	Disodium pyrophosphate
Synonyms:	Di-sodium dihydrogen pyrophosphate
Molecular Formula:	$H_2Na_2O_7P_2$
Molecular Weight:	221.94
CAS Number:	7758-16-9
EINECS Number:	231-835-0



Properties: The product is white crystalline powder, the relative density is 1.862. it can be dissolved sodium metaphosphate when it heated to above 220°C. It can become chelate with Cu^{2+} and Fe^{2+} . Its water solution can hydrolyze into phosphoric acid when it with dilute sulphuric acid and diluted mineral acid heated.

Quality Standards: FCC-HG2928-1999

<u>Items</u>	<u>Specification</u>
Content($Na_2H_2P_2O_7$)	≥95%
Water Insoluble	≤1.0%
Heavy Metals(as Pb)	≤0.002%
Arsenic(as As)	≤0.0003%
Fluoride(as F)	≤0.005%
PH	3.5~4.5
Phosphorus Pentoxide(P_2O_5)	63-64%
Loss on Burning($105^\circ C$)	≤0.5%

Package: In 25kg/50kg/1000kg plastic woven bags.

Usage: It can be used as electroplating, metal cleaning and phosphatising, drilling muds, baking powders and leavening agent, buffer, sequestrant, peptising agent in cheese and meat products, frozen desserts.

Storage: Stored in a cool, dry location in a tightly sealed container.

Shelf Life: One year.