

Tribasic Lead Sulfate

Molecular formula: $3\text{PbO} \cdot \text{PbSO}_4 \cdot \text{H}_2\text{O}$

Molecular weight: 990.86

Property:

It is white, sweet and toxic powder with the specific gravity of 7.10. It can dissolve in nitric acid, hot thick hydrochloric acid, ammonium acetate and sodium acetate, partly in acetic acid, but not in water. It will turn to yellow when it loses the crystal water at 135°C , it turns to yellow under sunlight, especially in wet condition.



Application: Mainly used for the heat stabilizer of PVC opaque or semi opaque products.

Package: Plastic weaved bag, lined with PE bag, and 25Kg weight.

Storage: It is toxic inorganic product, so it should be kept in a dry and cool storage house with good ventilation, and cannot be stored or transported with food.

Product quality

In accordance with HG/T 2340-2005

Index	Best quality
Appearance	White powder without evident mechanical impurity
Lead oxide (PbO), %	89.0 ± 1.0
Sulfur trioxide (SO ₃), %	7.5-8.5
Heating loss, % ≤	0.30
Fineness(0.075mesh), %≥	99.70
Whiteness, % ≥	90.0