

Dibasic Lead Phosphite

Molecular formula: $2\text{PbO} \cdot \text{PbHPO}_3 \cdot \text{H}_2\text{O}$

Molecular weight: 742.57

Property: It is slight white, sweet and toxic powder with the specific gravity of 6.94. It can dissolve in hydrochloric acid, and nitric acid, but not in water. It will turns to gray & black at 200°C, it turns to yellow at 450°C, and it has good deductibility. It is antioxidant; it has the excellent performance of resistance to ultraviolet ray, cold, and ageing.

Application: Mainly used for the heat stabilizer of PVC opaque products because of good insulation, weatherability and ultraviolet radiation absorbency.

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

Index	Best quality
Appearance	White powder without evident mechanical impurity
Lead oxide (PbO), %	90.0±1.0
Phosphorous acid (H ₃ PO ₃), %	11.0±1.0
Heating loss, % ≤	0.30
Fineness (0.075 mesh) , % ≥	99.70
Whiteness, % ≥	90.0