

# TRIBASIC LAED SULPHATE

## Molecular Formula

3PbO·PbSO<sub>4</sub>·H<sub>2</sub>O

## Molecular Weight

990.9

## Physical & Chemical Properties

Test Item	Superior	Top Quality	Qualified
Lead content (PbO), %	88.0 ~ 90.0	88.0 ~ 90.0	87.5 ~ 90.5
Sulfur trioxide(SO <sub>3</sub> ),%	7.5 ~ 8.5	7.5 ~ 8.5	7.0 ~ 9.0
Heating loss, % ≤	0.30	0.40	0.60
Residue on Sieve (0.075 mesh aperture) % ≤	0.30	0.40	0.80
Whiteness, % ≥	90.0	90.0	—

## Property

It is white and sweet power with specific gravity of 7.1 and melting point 820°C. It can dissolve in nitric acid, hot concentrated sulfuric acid, ammonium acetate and sodium acetate, but not in water. It turns to yellow when loses the crystal water at 135°C. It also turns to yellow under sunlight, especially in wet condition.

## Application

It is most used in PVC stabilizer and suitable for high temperature processing. With good insulation and heat stability.

## Packing & Storage

25 kg/bag to be kept at dry and cool places with good ventilation. Can't be transported with food.

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