

## TECHNICAL DATA SHEET

### Poly Ferric sulfate



-CAS NO.: 35139-28-7

-Chemical Formula:  $[\text{Fe}_2(\text{OH})_n(\text{SO}_4)_{3-n/2}]_m$

-Appearance: Light yellow amorphous powdery solid

-Solubility: Readily soluble in water

-Packing: 25kg/PP+PE bag

-Storage: In a cool dry place and keep away from strong light and heat.

#### Specification:

ITEM	STANDARD GB14591-93( II )
Total iron content %	$\geq 18.7$
Reducing substance( $\text{Fe}^{2+}$ )%	$\leq 0.15$
Basicity %	9.1-14.0
PH Value	2.0-3.0
As %	$\leq 0.0008$
Pb %	$\leq 0.0015$
Insoluble content %	$\leq 0.5$

#### Application:

1. It is mainly used for water purification treatment, and has remarkable effects on removing turbidity, decolorization, deoiling, dehydration, bacteria, deodorization, algae, COD, BOD and heavy metal ions in water, etc.;
2. It is widely used in industrial wastewater treatment, such as printing and dyeing wastewater, as well as in casting, papermaking, medicine and leather making.