

Ferric nitrate

Molecular formula : $\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$

Molecular weight : 404.02

Physicochemical Properties:

The nonahydrate of ferric nitrate is a purple crystal with Specific Density 1.68 and Melting Point 47.2°C . When heated at 125°C , it decomposes. The product is subject to deliquescence and easily dissolves in water, ethanol and acetone while it has oxidizing property.

Applications and Usages:

used as catalysts and dye mordants.

Specification :

Indexes	Industrial Grade
$[\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}]$, % \geq	98.0
Water insoluble, % \leq	0.1
Chloride (Cl) , % \leq	0.1
Sulfate (SO ₄) , % \leq	0.05
Cu, % \leq	---
Zinc (based on Pb) , % \leq	---
aqueous ammonia insoluble (based on sulfate) , % \leq	0.2

Packing: 25kg weaving bag with plastic liner or according to the requirements of customers.