

# CHEMIK CO., LTD.

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## TECHNICAL DATA SHEET

1. **Product Name:** Zinc Ferrite yellow 980T

2. **CAS Number:** 68187-51-9

3. **Formula:**  $\text{ZnFe}_2\text{O}_4$

4. **Chemical-Physical Properties:**

Appearance: yellow powder

S/G (Density): 5.2

Tamped apparent Density/Bulk Density:  $0.4\text{--}0.6\text{g/cm}^3$

Solubility: Insoluble in water and alcohols, soluble in acids.

Heat Stability: Resistant up to 500 degree C.

6. **Usage:** Inorganic pigment. Widely used in paintings and plastics.

7. **Specification:**

Fe as  $\text{Fe}_2\text{O}_3$ : 65.0% min

Volatiles at 105°C: 0.5% max.

Water soluble matter: 0.5% max.

Residue of 45µm: 0.3% max.

PH value: 5.0-8.0

Oil absorption: 25-35 g/100g

500°C/30 min  $\Delta E \leq 3.0$

Shade: similar with standard sample

8. **Packaging:**

25kgs PP woven bag or Kraft bags, unpalletized

25kgs bags, 40bags per pallet, shrink-wrapped.

1000kgs PP woven jumbo bag, palletized.