

TECHNICAL DATA SHEET

IRON OXIDE, YELLOW

1- Product Name: Iron Oxide, Yellow

2- Formula: $F_2O_3 \cdot H_2O$

3- CAS Number: 51274-00-1

HS Code: 28211000

4- Chemical Specifications:

Chemical Compositions	Requirements
Assay (as F_2O_3 , on 105°C dry basis)	$\geq 86.0\%$
Volatile Matter (105°C)	$\leq 1.0\%$
Water Soluble Matter	$\leq 0.5\%$
Oil Absorption Quantity	25-35 g/100g
Relative Tinting Strength	95-105%
Residue on 45 μ m Sieve (325 Mesh Sieve)	$\leq 0.10\%$
Total Calcium Content (as CaO)	$\leq 0.30\%$
pH Value of Water Suspension	3 - 7

5- Packing: Packed in net 20KG plastic woven bag with PE liner.