

## YELLOW IRON OXIDE PIGMENT

### Product description

Product	Yellow iron oxide pigment
Appearance	Yellow Powder.
Applications Sphere	Used to produce paints and enamels, ceramic, artistic paints, tanning, paper, construction and rubber industries.
Product Information	Regulation (EC) No. 1907/2006, (REACH) Registration No. 01-2119457554-33-0023, CAS NO. 51274-00-1, 20344-49-4 EINECS No. 257-098-5, 243-746-4

### Physico-chemical properties

INDICES DENOMINATION	NORM RO GRADES		
Color	Y-0	Y-1	Y-2
a) Instrumental method of evaluation – total color difference $\Delta E$ , max.	6	6	6
b) visual method of evaluation	Within tolerances for paste colors, approved samples for each grade		
Iron compound in terms of $Fe_2O_3$ , % by wt, min.	86	85	84
Water soluble substances, % by wt, max.	0.3	0.5	0.8
Volatiles, % by wt, max.	0.5	1.0	1.5
pH of water suspension	4.5-7.0	4.0-7.0	4.0-7.0
Oil absorption, g/100g of pigment, max.	30-50	35-60	35-60
Coverage potential, g/m <sup>2</sup> , max.	15	20	20
Relative tinting strength, % by wt., min.	100	95	95
Dispersibility during 30 minutes, mkm, max.	20	25	25
Wet sieving residue on screen 0063 mesh, %, max.	0.08	0.20	0.30
Dry sieving residue on screen 016 mesh, %, max.	0.05	0.05	Not read

### Storage and packing

Store in dry covered warehouses.
The warranty period of storage: 12 months from the manufacturing date.
Paper bags (25 kg), Big bag containers (600, 1000 kg).