

RED IRON OXIDE PIGMENT |Grade K

Product description

Product	Red iron oxide pigment, Grade K.
Appearance	Synthetic powder pigment of red-brown color.
Applications	It is used as a colorant and extender in the manufacturing of paints and varnishes, construction materials, rubber, and leather. Also used in ferrous metallurgy and electrical engineering.
Product Information	Specification: TU 2321-005-17547702-2014, ISO Standard: 1248-74, CAS No. : 1309-37-1

Physico-chemical properties

Fe ₂ O ₃ , wt %	min. 96.0	-
Not soluble in hydrochloric acid residue, wt %	max. 0.3	-
Volatile matters, wt %	max. 0.5	ISO 787-2-81
Water-soluble substances, wt %	max. 0.5	ISO 787-3-91
Residue on a sieve with net 0063, wt %	max. 0.30	ISO 787-7-81 ISO 787-18-83
pH of water suspension	5 - 8	ISO 787-9-81
Oil absorption, g/100g of pigment	19 - 21	ISO 787-5-80
Opacity, g/m ²	5 - 7	-
Dispersibility, μm	12 - 15	ISO 8780-4
Total color difference, Δ E from the reference sample	max. 2.0	ISO 787-1

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).

This information is a general description of product properties and their potential fields of application. The data is based on regularly conducted analyses of their properties and also on our own and our partner's experience of their application. Since the conditions of uses are beyond our control, no warranty is given or to be implied in respect of such information.