

**Technical Data Sheet**

**TDS**

**General Description**

Product Name	Iron Oxide Yellow 586
Type	Yellow pigment
Chemical Class	Synthetic iron hydroxide $\alpha$ -FeOOH
Delivery Form	Powder
Color Index	Pigment yellow 42 (77492)
CAS	51274-00-1
EINECS NO.	257-098-5
Particle Shape	Acicular

**Physical and Chemical properties**

Test Items	Specification
Appearance	Yellow powder
Content of Fe <sub>2</sub> O <sub>3</sub> , %	86 min.
PH Value	3-7
Shade	Close to std.
Oil Absorption, %	25-35
Residue on 325 mesh, %	0.3 max.
Water soluble, %	0.3 max.
Volatite at 105°C, %	1.0 max.
Tinting Strength, %	98-102
DE (compared with std.)	1 max.

**Application**

Paint, coating, plastics and rubbers, leather industries, paper, concrete products, construction materials etc.

**Package**

25kg bag, 550kg big bag with pallets.

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