



# VIJUSHA CHEMICALS

## Iron oxide Yellow-TDS

Tint Shade	Full Shade
	

Iron oxide Yellow is a general purpose pigment with applications in Plastic, Paint, Ink, Coating and many other industries.

### GENERAL INFORMATION:

Chemical name : Iron oxide Yellow

Colour Index : PY 42

C.I No. : 77492

CAS No. : 51274-00-1

### COLOUR PROPERTIES:

Tinting strength (%) :  $100 \pm 5.0$

Colour difference DE\* : 1.0 Unit Maximum

DL\* :  $\pm 0.5$

Da\* :  $\pm 0.5$

Db\* :  $\pm 0.5$

### PHYSICAL PROPERTIES:

Appearance: Yellow powder

Fe<sub>2</sub>O<sub>3</sub> % : 86 Min

Moisture content (% by wt.) : 1.0 Maximum

Water soluble matter (% by wt.) : 2.0 Maximum

Oil absorption (% by wt.) : 30 to 40

Median particle diameter (µm) : 4.5 maximum

Residue on 45 µ Sieve (% by wt.) : 0.5 Maximum

### FASTNESS PROPERTIES:

Heat stability : 230°C Maximum for 5 minutes

Light fastness : 8 on Wool Scale

Weather fastness : 5 on Grey scale

### Chemical resistance

In acids : Stable

In alkalis : Stable

Solvent Resistance : Stable