



VIJUSHA CHEMICALS

Iron oxide Red-TDS

Tint Shade	Full Shade
	

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

GENERAL INFORMATION:

Chemical name : Iron oxide Red

Colour Index : PR 101

C.I No. : 77491

CAS No. : 1309-37-1

COLOUR PROPERTIES:

Tinting strength (%) : 100 ± 5.0

Colour difference DE^* : 1.0 Unit Maximum

DL^* : ± 0.5

Da^* : ± 0.5

Db^* : ± 0.5

PHYSICAL PROPERTIES:

Appearance : Red powder

Fe_2O_3 % : 96 Min

Moisture content (% by wt.) : 1.0 Maximum

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

Oil absorption (% by wt.) : 20 to 30

Median particle diameter (μm) : 4.5 maximum

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

FASTNESS PROPERTIES:

Heat stability : 300°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