

Crude Raw Sienna

Description

Crude Raw Sienna is a naturally occurring ore, which is prepared at our facilities in Cyprus. Visual tests are conducted on each lot to maximize consistency and quality. The resulting pigment produces a muted yellow shade with natural undertones in wood stain applications. Siennas are preferred colorants in furniture stains and high-quality wood finishes because of their transparency and ability to enhance wood grain appearance. Crude Raw Sienna is also used in medium-gloss coatings, artist paints, coatings processed on intensive dispersing equipment, liquid colorants, paper, plaster and stucco applications. In addition, it is suitable to colour products made with cement. It is stable under exposure to sunlight and UV radiation and is alkali, chemical and weather resistant. Crude Raw Sienna is packaged in Bulk Jumbo Bags of 1000 kg.

Uses: wood stain, paint, colorants, adhesives, ink, concrete, stucco and plaster.

Composition/Typical Properties

Iron Oxide (Fe ₂ O ₃) (%)	52-55
Manganese Oxide (MnO ₂) (%)	0.36
Manganese (Mn) (%)	0.22
Magnesium Oxide (MgO) (%)	1.48
Calcium Oxide (CaO) (%)	1.68
Phosphorous Oxide (P ₂ O ₅) (%)	0.73
Sodium Oxide (Na ₂ O) (%)	0.58
Potassium Oxide (K ₂ O) (%)	0.41
Aluminium Oxide (Al ₂ O ₃) (%)	3.64
Oil Absorption (g/100g)	37.01
Bulk Density (g/l)	830 -1020
Water Soluble Salts (%)	3-4
Moisture & Volatile (%)	7-8
Ignition Loss (%)	20
pH (26 °C) 10%	3.0

Typical Trace Metal Content in Parts Per Million (ppm)

Arsenic (As)	<180
Barium (Ba)	<60
Cadmium (Cd)	<50
Chromium (Cr)	<100
Cooper (Cu)	5000
Lead (Pb)	47-210
Mercury (Hg)	<0.2
Selenium (Se)	<1.2

The values for typical contents and trace metals are provided as general information only. They are approximate values for reference and not specifications utilized in our standard QC procedures for colour and consistency.

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