United Umber Industries
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Product Data

Crude Raw Sienna

EINECS 215-278-0, CAS 1317-63-1

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 1000-1100 kg.
Uses: wood stain, paint, colorants, adhesives, ink, concrete, stucco and plaster.

Composition/Typical Properties

Iron Oxide (Fe_2O_3) (%)	49.56
Manganese Oxide (MnO_2) (%)	0.24
Magnesium Oxide (MgO) (%)	2.55
Calcium Oxide(CaO) (%)	2.21
Potassium Oxide (K_2O) (%)	0.22
Aluminium Oxide (Al_2O3) (%)	0.96
Silicon Oxide (SiO_2) (%)	7.11
Oil Absorption (g/100g)	37.01
Bulk Density (g/l)	830-1020
325 Mesh Retention (%)	NA
Water Soluble Salts (%)	7.51
Moisture & Volatile (%)	3.80
Ignition Loss (%)	21.27
Hegman Grind	NA
pH (26 °C) 10%	2.7

Typical Trace Metal Content in Parts Per Million (ppm)

Barium (Ba)	32.4
Chromium (Cr)	380.1
Copper (Cu)	1084.2
Lead (Pb)	103.6

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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January 28th, 2025