United Umber Industries
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Product Data

Crude Burnt Sienna

EINECS 235-784-5, CAS 12713-03-0

Crude Burnt Sienna

Description

Crude Burnt Sienna is a naturally occurring ore, which is calcined at our facilities in Cyprus. Visual tests are conducted on each lot to maximize consistency and quality. The resulting pigment produces a *light brown* shade with natural undertones in wood gain applications. Siennas are preferred colorants in furniture stains and high-quality wood finishes because of their transparency and ability to enhance wood grain appearance. The pigment from *Crude Burnt 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 Burnt Sienna* is packaged in 1000-1100 kg Jumbo Bags.
Uses: wood stain, paint, colorants, adhesives, ink, concrete, stucco and plaster.

Composition/Typical Properties

Iron Oxide (Fe_2O_3) (%)	44.76
Manganese Oxide (MnO_2) (%)	1.54
Magnesium Oxide (MgO) (%)	2.62
Calcium Oxide(CaO) (%)	4.74
Potassium Oxide (K_2O) (%)	0.72
Aluminium Oxide (Al_2O3) (%)	2.22
Silicon Oxide (SiO_2) (%)	12.83
Oil Absorption (g/100g)	56.51
Bulk Density (g/l)	510-620
325 Mesh Retention (%)	NA
Water Soluble Salts (%)	1.83
Moisture & Volatile (%)	2.96
Ignition Loss (%)	NA
Hegman Grind	4.00
pH (26 ^oC) 10%	7.0

Typical Trace Metal Content in Parts Per Million (ppm)

Barium (Ba)	432.8
Chromium (Cr)	419
Copper (Cu)	208.8
Lead (Pb)	227.1

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