United Umber Industries
P.O.Box 40342, 6303 Larnaca, CYPRUS

Product Data

Micronized Raw Umber No.440

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

Micronized Raw Umber No.440

Description

Micronized Raw Umber No.440 is a natural pigment. *Micronized Raw Umber No.440* is a naturally occurring ore, which is milled into powder at our facilities in Cyprus. Visual tests are conducted on each lot to maximize consistency and quality. The resulting pigment produces a *brown* shade with natural undertones in wood gain applications. Umbers are preferred colorants in furniture stains and high-quality wood finishes because of their transparency and ability to enhance wood grain appearance. *Micronized Raw Umber No.440* 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. *Micronized Raw Umber No.440* is packaged in 25 kg multiwall paper bags and shrink-wrapped onto pallets of 40 bags (1000 kg).

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

Composition/Typical Properties

Iron Oxide (Fe_2O_3) (%)	41.48
Manganese Oxide (MnO_2) (%)	6.29
Magnesium Oxide (MgO) (%)	2.17
Calcium Oxide(CaO) (%)	3.57
Potassium Oxide (K_2O) (%)	0.69
Aluminium Oxide (Al_2O3) (%)	2.30
Silicon Oxide (SiO_2) (%)	16.12
Oil Absorption (g/100g)	50.68
Bulk Density (g/l)	500-610
400 Mesh Retention (%)	0.10
Water Soluble Salts (%)	0.18
Moisture & Volatile (%)	3.69
Ignition Loss (%)	14.38
Hegman Grind	4.00
pH (26 °C) 10%	8.0

Typical Trace Metal Content in Parts Per Million (ppm)

Barium (Ba)	894.6
Chromium (Cr)	153.4
Copper (Cu)	214.9
Lead (Pb)	198.6

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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28th January, 2025