United Umber Industries
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Product Data

Micronized Burnt Umber No.620

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

Micronized Burnt Umber No.620

Description

Micronized Burnt Umber No.620 is a natural pigment. *Micronized Burnt Umber No.620* is a naturally occurring ore, which is calcined and 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 *dark 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 Burnt Umber No.620* 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 Burnt Umber No.620* 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) (%)	41.53
Manganese Oxide (MnO_2) (%)	10.19
Magnesium Oxide (MgO) (%)	3.47
Calcium Oxide(CaO) (%)	3.03
Potassium Oxide (K_2O) (%)	0.76
Aluminium Oxide (Al_2O3) (%)	2.31
Silicon Oxide (SiO_2) (%)	11.82
Oil Absorption (g/100g)	50.58
Bulk Density (g/l)	510-620
400 Mesh Retention (%)	0.10
Water Soluble Salts (%)	0.88
Moisture & Volatile (%)	2.00
Ignition Loss (%)	6.61
Hegman Grind	4.00
pH (26 ^oC) 10%	6.9

Typical Trace Metal Content in Parts Per Million (ppm)

Barium (Ba)	265.7
Chromium (Cr)	156.5
Copper (Cu)	218
Lead (Pb)	251.4

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