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

Product Data

Micronized Burnt Umber No.190

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

Micronized Burnt Umber No.190

Description

Micronized Burnt Umber No.190 is a natural pigment. *Micronized Burnt Umber No.190* 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 *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.190* 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.190* 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) (%)	46.59
Manganese Oxide (MnO_2) (%)	6.96
Magnesium Oxide (MgO) (%)	4.10
Calcium Oxide (CaO) (%)	3.91
Potassium Oxide (K_2O) (%)	0.51
Aluminium Oxide (Al_2O3) (%)	1.61
Silicon Oxide (SiO_2) (%)	9.22
Oil Absorption (g/100g)	49.75
Bulk Density (g/l)	400-480
400 Mesh Retention (%)	0.10
Water Soluble Salts (%)	0.91
Moisture & Volatile (%)	2.74
Ignition Loss (%)	8.22
Hegman Grind	4.00
pH (26 ^oC) 10%	7.5

Typical Trace Metal Content in Parts Per Million (ppm)

Barium (Ba)	359.6
Chromium (Cr)	205.1
Copper (Cu)	185.9
Lead (Pb)	211.8

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.

This product information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best knowledge of United Umber Industries or obtained from sources we believe are accurate. We disclaim any legal responsibility for use or reliance on this information and expressly disclaim that use of this product, either alone or in combination with other materials, will not violate the claims of any patent or rightful claim of any third party. Since you are in control of the application, process and conditions of use of our products, you have an obligation to test the products supplied by us to determine their suitability for the intended processes and uses. Despite this, if liability should be established for any damage, buyer's sole remedy shall be refund of product purchase price from point of purchase. We will, of course, provide consistent quality of our products within the scope of our General Conditions of Sale and Delivery. Before using any chemical, read its label and Material Safety Data Sheet.

28th January, 2025