

40400 Raw Sienna, Italy

Type: yellow pigment
Delivery form: powder
Chemical designation: Natural earth color from Italy
Color Index: Pigment Yellow 43, C.I. 77492
Origin: Tuscany / Italy

Specification:

Color: yellow
Composition: $\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O} + \text{Al}_2\text{O}_3 \text{ MnO}_2 + \text{SiO}_2 \cdot \text{H}_2\text{O}$
Characteristics: transparent granules
Refraction: birefringent
Specific weight: 3.50
Opacity: good
Light fastness: 7 (scale 1 – 8)
Humidity stability: good
Alkali fastness: very good
Chemical stability: good
Field of application: fresco, tempera, oil, encaustic
Historic references: Roman, Egyptian

Soluble metals, tested according to ASTM D 5517

Antimony	< 0.001 mg/l
Arsenic	< 0.001 mg/l
Barium	0.093 mg/l
Beryllium	< 0.005 mg/l
Lead	< 0.005 mg/l
Cadmium	< 0.001 µg/l
Chromium	0.071 mg/l
Cobalt	< 0.02 mg/l
Copper	< 0.005 mg/l
Manganese	0.511 mg/l
Nickel	0.039 mg/l
Osmium	< 0.005 mg/l
Mercury	< 0.001 µg/l
Selenium	< 0.001 mg/l
Silver	< 0.002 mg/l
Thallium	< 0.001 µg/l
Vanadium	0.005 mg/l
Tin	< 0.001 mg/l
Zinc	< 0.010 mg/l