VENATOR

## Iron Oxides

## FERROXIDE®

| Masstone | 1:3 in Titanium Dioxide | 1:9 |
|---|---|---|
| **YO2087*, YO2087L*** Ultrayellow | | |
| **YO2900*** Ultrayellow | | |
| **YO3587*** Ultrayellow | | |
| **YO5087*** Ultrayellow | | |
| **YO6087*** Ultrayellow | | |
| **YLO1888D** Ultrayellow | | |

| Masstone | 1:3 | 1:9 |
|---|---|---|
| **YLO2288D** Ultrayellow | | |
| **YLO3288D** Ultrayellow | | |
| **YZ1688** Ultrayellow | | |
| **YZ1888** Ultrayellow | | |
| **YZ2288** Ultrayellow | | |
| **YZ3288** Ultrayellow | | |

Used on their own or in combination with organic pigments, these permanent, non-bleeding pigments will improve opacity, reduce formula cost and add UV resistance to coating and ink formulations. The regular YO grades will keep costs down, while micronized YZ types offer easier dispersion. The clean shades and low oil absorption make these pigments suitable for use in coatings, colorants, paper, adhesives, stucco and other applications.

*Unmicronized.

Color reproduction: For technical reasons connected with color reproduction, the colors shown may not exactly match the pigment colors and do not represent a particular finish.

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**Color Index Description** CI Pigment Yellow 42
**CI Number** 77492
**Chemical Formula** FeOOH
**Particle Shape** Acicular

## Typical Properties

| | Product Ref. | $Fe_2O_3$ Content (%) | Average Particle Size (µm)* | Specific Surface Area ($m^2/g$) | Oil Absorbtion (g/100g) | 325 Mesh Retention (%) | Specific Gravity | Water Soluble Salts (%) | pH |
|---|---|---|---|---|---|---|---|---|---|
| Unmicronized | YO2087 | >86 | 0.50 | 16.4 | 39 | 0.01 | 4.0 | 0.1 | 7.0 |
| | YO2087L | >86 | 0.55 | 16.0 | 40 | 0.02 | 4.2 | 0.2 | 6.0 |
| | YO2900 | >86 | 0.40 | 14.0 | 40 | 0.02 | 4.2 | 0.2 | 4.5 |
| | YO3587 | >86 | 0.70 | 12.5 | 45 | 0.01 | 4.0 | 0.1 | 7.0 |
| | YO5087 | >86 | 0.90 | 10.5 | 48 | 0.01 | 4.0 | 0.1 | 7.0 |
| | YO6087 | >86 | 1.20 | 8.3 | 47 | 0.01 | 4.0 | 0.1 | 7.0 |
| Micronized | YLO1888D | >86 | 0.35 | 24.0 | 36 | 0.01 | 4.0 | 0.1 | 7.0 |
| | YLO2288D | >86 | 0.40 | 20.0 | 34 | 0.01 | 4.0 | 0.1 | 7.0 |
| | YLO3288D | >86 | 0.50 | 19.2 | 34 | 0.01 | 4.0 | 0.1 | 7.0 |
| | YZ1688 | >86 | 0.50 | 18.0 | 32 | 0.005 | 4.2 | 0.1 | 6.0 |
| | YZ1888 | >86 | 0.40 | 24.0 | 32 | 0.005 | 4.2 | 0.1 | 6.0 |
| | YZ2288 | >86 | 0.55 | 16.0 | 32 | 0.005 | 4.2 | 0.1 | 6.0 |
| | YZ3288 | >86 | 0.60 | 14.0 | 32 | 0.005 | 4.2 | 0.1 | 6.0 |

*Venator test method QEB-TC014 using a laser particle size analyzer.

## Contact Details

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