

# Thermoxide Yellow 30R

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|           |                    |                |                                 |
|-----------|--------------------|----------------|---------------------------------|
| C.I. Name | Pigment Yellow 119 | C.I. No.       | 77496                           |
| CAS No.   | 68187-51-9         | Chemical Group | Modified Synthetic Zinc Ferrite |

## Product Description

Thermoxide Yellow 30R is an inorganic Synthetic Zinc Ferrite yellow pigment with increased thermo stability for high heat plastic and coating applications. The color shade is deeper than Thermoxide Yellow 30 - similar to Lanxess Colortherm Yellow 30 and Nubiola Y-805K. Its micronized design allows for superior disperse ability. Its inorganic structure also gives the highest light / weather fastness for coating applications.

## Applications

|                         |                             |                              |
|-------------------------|-----------------------------|------------------------------|
| Plastics                | Coatings                    | Construction Material        |
| Colored Plastics        | Coil Coating                | Asphalt / Bricks             |
| Masterbatches           | Powder Coating              | Concrete Masonry Blocks      |
| Plastic & Polymers      | Roof tile Coating           | Concrete Roofing Tiles/Felts |
| Wood Plastic Composites | Automotive Coating          | Fiber Cement                 |
|                         | PVDF / Fluorocarbon Coating | Paving Stones / Plaster      |
|                         |                             | Noise Barriers               |

## Special Conditions for Opened Packaging

Close bag after use to avoid the absorption of moisture and contamination.

## Physical Data

|                          |                   |
|--------------------------|-------------------|
| Density                  | 5.10 g/ml         |
| Form of supply           | Yellow Powder     |
| Oil absorption (g/100 g) | 25                |
| Heat stability           | 350°C / 662°F     |
| Content (%)              | 65-68             |
| Hue                      | Red Shade Yellow  |
| Mesh residue             | ≤0.10% (325 Mesh) |
| Average particle size    | 0.15µm x 0.50     |
| Particle shape           | Elongated         |

## Packaging, Shipping & Storage

Thermoxide Yellow 30R is supplied as yellow powder. The product is packed in 25 kg paper bag and shipped on pallets of 1000 kg. Store under normal temperatures, dry and protected from weather. Shelf life: 5 years from manufacturing date.

*All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.*