

# Transparent Iron Oxide

## OVERVIEW

Transparent iron oxides are yellow/red-based iron oxide pigments manufactured by TODA KOGYO's wet synthesis method. These products have high transparency and ultraviolet suppression function. They are used for paints and resins that require good design and durability.

## FEATURES

**High transparency and ultraviolet suppression function**

They have high transparency in the visible spectrum range and cut UV.

**Excellent chroma**

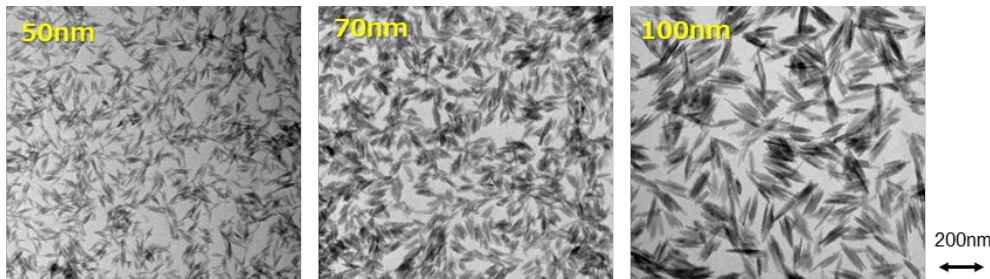
They are suitable for toning due to their high chroma.

**Characteristics control to meet your requests**

The particle size distribution is sharp. The particle size and their purity can be controlled.

## CHARACTERISTICS

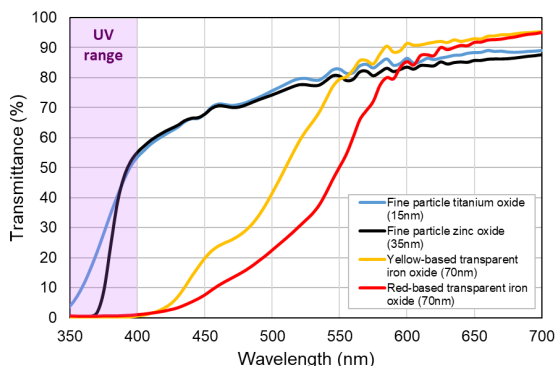
We offer products from fine particle types of 50nm to large particle types of 100nm to meet your requests. They show higher UV suppression function than that of others.



【TEM image of transparent iron oxide】



【Test of concealment rate】



【Comparison of transmittance】

## APPLICATIONS

- Paints for automobile and woodwork
- Additive for UV prevention

