

Pigment Yellow 1W

C.I. Name	Pigment Yellow 1
C.I. No.	11680

CAS. No.	2512-29-0
Chemical Group	Monoazo

Product Description

Pigment Yellow 1W is a medium shade, semi-transparent yellow with good weather fastness in full shades. It is recommended for water based applications such as inks and coatings, as well as industrial coatings and textile printing.

Physical Data

Density (g/cm ³)	1.60
Form of Supply	Yellow Powder
Oil Absorption (mg/100g)	40~50
Moisture (%)	≤1.5
PH Value	6~7
Light Fastness	6~7
Heat Stability	160°C / 320°F

Chemical Resistance

Acid	4~5
Alkali	4~5
Alcohol	4~5
Ester	4
Ketone	4
Water	5
Migration	-

Applications

- Coatings

Automotive Coating	-
Industrial Coating	●
Decorative Coating	●
Coil Coating	-
Wood Coating	-
Powder Coating	-

- Plastics

PVC	-
PE/PP/PO	-
ABS	-
PS	-
PA	-
Rubber	-

- Inks

Solvent based	○
Water based	●
UV / EB	○
Inkjet	○

● Recommend

○ Limited Suitability

- Not Recommended

Product Specification

Test Property	Specification	Test Method
dE	≤1.0	AFTM-P 2.1
Color Strength	100±5%	AFTM-P 2.1

Packaging, Shipping & Storage

Pigment Yellow 1W is supplied in powder form. The product is packed in 25kg/55lb paper bag and shipped on pallets (400kg). Keep the product stored under normal temperatures, dry and protected from weather.

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.