# Pigment Yellow 130

Version 2026-10-22b · Revision 2026-10-22

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|---|---|---|---|
| C.I. Name | Pigment Yellow 13 | C.I. No. | 21100 |
| CAS No. | 5102-83-0 | Chemical Group | Diarylide |

## Product Description

Yellow 130 is a green shade semi-transparent classical yellow pigment with excellent dielectric properties and high color strength. It is suitable for all plastic applications up to the processing temperature of 200°C.

## Physical Data

| | |
|---|---|
| Density (g/cm³) | 1.8 |
| Form of supply | Powder |
| Oil absorption (g/100 g) | 35- 45 |
| Moisture (%) | ≤1.5 |
| pH value | 5.0-7.5 |
| Light fastness (scale 1–8) | 6 |
| Heat stability | 200°C / 392°F |

## Chemical Resistance

| | |
|---|---|
| Acid | 5 |
| Alkali | 5 |
| Alcohol | 5 |
| Ester | 5 |
| Ketone | 5 |
| Soap | 4 |
| Migration | 4 |

## Applications

| Coatings | | Plastics | | Inks | |
|---|---|---|---|---|---|
| Automotive Coating | – | PVC | ● | Offset | ○ |
| Industrial Coating | – | PE/PP/PO | ● | Solvent based | ○ |
| Decorative Coating | – | ABS | – | Water based | ○ |
| Coil Coating | ○ | PS | – | UV / EB | ○ |
| Wood Coating | – | PA | – | Inkjet | ○ |
| Powder Coating | ○ | Rubber | ● | | |

● Recommended ○ Limited suitability – Not recommended

## Product Specification

| Test Property | Specification | Test Method |
|---|---|---|
| ΔE | ≤1.0 | AFTM-P 2.1 |
| Colour strength | 100±5% | AFTM-P 2.1 |

## Packaging, Shipping & Storage

Pigment Yellow 130 is supplied as powder. The product is packed in 25 kg paper bag and shipped on pallets of 500 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.*