

Pigment Yellow 131

C.I. Name	Pigment Yellow 13
C.I. No.	21100

CAS. No.	5102-83-0
Chemical Group	Diarylide

Product Description

Yellow 131 is a reddish, transparent, high gloss diarylide yellow pigment. It is suitable for the European Scale for Process printing for paste inks as well as for solvent based packaging gravure and flexographic printing inks. Suitable for metal decorating inks when stoving temperature does not exceed 200°C.

Physical Data

Density (g/cm ³)	1.8
Form of Supply	Yellow Powder
Oil Absorption (mg/100g)	35~45
Moisture (%)	≤1.5
PH Value	5.0~7.5
Light Fastness	5~6
Heat Stability	200°C / 392°F

Chemical Resistance

Acid	5
Alkali	5
Alcohol	5
Ester	5
Ketone	5
Soap	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

Offset Ink	○
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 131 is supplied in powder form. The product is packed in 25kg/55lb paper bag and shipped on pallets (400kg). Please 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.