

Pigment Yellow 81

C.I. Name	Pigment Yellow 81
C.I. No.	21127

CAS. No.	22094-93-5
Chemical Group	Disazo

Product Description

Yellow 81 is an opaque, very greenish shade diarylide yellow pigment with good all-round fastness properties. Recommended for paste inks and for solvent- and water based packaging gravure and flexographic printing inks and plastic applications.

Physical Data

Density (g/cm3)	1.30~1.50
Form of Supply	Yellow Powder
Oil Absorption (mg/100g)	30~60
Moisture (%)	≤1.5
PH Value	6~7
Light Fastness	7
Heat Stability	200°C / 392F

Chemical Resistance

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

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 81 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.