

Pigment Yellow 180

C.I. Name	Pigment Yellow 180
C.I. No.	21290

CAS. No.	77804-81-0
Chemical Group	Mono Azo

Product Description

Yellow 180 is a greenish & transparent pigment with excellent fastness properties for all applications. It is a selective replacement for cadmium, lead chromate and diarylide pigments.

Physical Data

Density (g/cm ³)	1.30~1.50
Form of Supply	Yellow Powder
Oil Absorption (mg/100g)	30~60
Moisture (%)	≤1.0
PH Value	7.0~7.5
Light Fastness	6~7
Heat Stability	280°C / 536°F

Chemical Resistance

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

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 180 is supplied in powder form. The product is packed in 10kg/22lb 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.