

Pigment Yellow 17

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C.I. Name	Pigment Yellow 17	C.I. No.	21105
CAS No.	4531-49-1	Chemical Group	Disazo

Product Description

Yellow 17 is a very greenish, semi-transparent cost effective 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. Additional applications include NC/PA, waterbase, metal deco, textile printing inks and some air-dry industrial coating.

Physical Data

Density (g/cm ³)	1.30~1.50
Form of supply	Yellow Powder
Oil absorption (g/100 g)	35~55
Moisture (%)	≤1.5
pH value	7
Light fastness (scale 1–8)	5~6
Heat stability	200°C / 392°F

Chemical Resistance

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

Other Characteristics

Metal Coating ●

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 17 is supplied as yellow powder. The product is packed in 25 kg paper bag and shipped on pallets of 300 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.