



Product Description

Pigment Yellow 12 is an Benzidine pigment. It is valued for its high tinting strength, good transparency, and cost-effectiveness. Key characteristics include good solvent resistance and moderate lightfastness. Its molecular formula $C_{32}H_{26}Cl_2N_6O_4$ is formed a stable crystal lattice that contributes to its stability and color.

Pigment Yellow 12 are widely used in plastics, printing inks, paint, paper, soap, cosmetics etc.

Advantages of using Diarylide Disazo-alpha Form:

- Non-Toxic
- Non-Migratory
- Compatible with all polymers
- Excellent heat stability up to 200°C
- Excellent weather fastness (5 grade)
- Excellent lightfastness (3-4 grade)
- Excellent resistance to alkali Maintains dimensional stability
- Easily dispersed

General

Material Status	• Commercial: Active	
Availability	• Middle East	• Asia
Additive	• Organic	
Features	• Polyester	• PVC
Appearance	• Yellow 12	
Forms	• Powder	
Uses	• Paint for Plastic	
Packaging	• 25 Kg Bags	• 40 bags on Pallet

Item	Nominal Value Unit
Delta E	±0.6
Tinting Strength	100%±3
Solute in Water	≤ 2%
Free Sulfur	≤ 0.04%

Moisture (105±2°C)	≤ 3%
Sieve Residue (325 mesh)	≤ 0.06%
Oil Absorption (ml/100g)	≤ 50
Thermal Stability	180-200°C
PH value	6.5-7.5
Lead Content	≤ 25PPM

Storage

Bags should be stored in dry/closed condition and protect from Humidity. The opens Bags should be sealed against humidity and direct sunlight.

Shelf Life

Shelf life at proper storage is at least 36 months from production date, but in case of a long storage time, potential moisture pick-up needs to be eliminated by drying before use.

Contact Us

Sales@Vincentplastic.com