



TECHNICAL DATA SHEET

AZO YELLOW SERIES

BATCH /
PRODUCT SPECIFIC

PRODUCT RANGE

PY 12, PY 13, PY 14, PY 17, PY 74

PRODUCT DESCRIPTION

Azo Yellow Series are high performance organic pigments known for their excellent brightness, tinting strength, and fastness properties. These pigments provide brilliant yellow shades and are suitable for a wide range of applications.



1. PRODUCT IDENTIFICATION

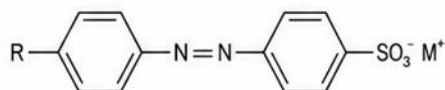
Product Name	Azo Yellow Series
Colour Index	PY 12, PY 13, PY 14, PY 17, PY 74
Chemical Class	Azo
Colour	Yellow (Shade varies with type)
Appearance	Yellow Powder
CAS No.	Varies with type
EINECS / EC No.	Varies with type
Chemical Nature	Azo Organic Pigment
Solubility	Insoluble in water, soluble in organic solvents
Application	Paints & Coatings, Plastics, Printing Inks, Textile, Rubber, Masterbatch

2. COLOUR & TINT STRENGTH (INDICATIVE)

	PY 12	PY 13	PY 14	PY 17	PY 74
Shade (Full Shade)					
Tint (1:10)					

Actual shade may vary with application and medium.

3. CHEMICAL STRUCTURE (TYPICAL)



R = H, Cl, CH₃, OCH₃, etc. (varies with pigment type)

M = Alkali metal (e.g., Na⁺, K⁺, Ca²⁺)

4. KEY FEATURES

- Bright yellow shades
- Cost-effective
- Excellent colour strength
- Good light and heat stability
- Good compatibility and dispersibility
- Wide range of applications

5. RECOMMENDED APPLICATIONS



6. PHYSICAL & CHEMICAL PROPERTIES (TYPICAL)

Property	Test Method	Typical Value / Range
Colour (Shade)	Visual	Bright Yellow (varies with type)
Tinting Strength (%)	ISO 787-24	95 – 110
Heat Stability (°C)	ISO 787-23	Up to 180 – 250
Light Fastness (Full Shade)	ISO 105-B02	5 – 7
Weather Fastness	ISO 105-B04	4 – 5
Oil Absorption (g/100g)	ISO 787-5	25 – 45
pH Value (10% Aqueous Extract)	ISO 787-9	5.5 – 8.0
Moisture Content (%)	ISO 787-2	Max. 1.0
Water Soluble Matter (%)	ISO 787-3	Max. 1.0
Residue on 325 Mesh (%)	ISO 787-7	Max. 0.1

Note: Values are typical and may vary with pigment type (PY 12, PY 13, PY 14, PY 17, PY 74).

10. REGULATORY STATUS

This product is not classified as hazardous under CLP Regulation (EC) No. 1272/2008. Please refer to the product-specific Safety Data Sheet (SDS) for detailed handling information.

DISCLAIMER: The information and recommendations contained herein are based on tests believed to be reliable. However, the buyer/user assumes all risk and liability whatsoever in connection with the use of this product and information. It is the user's responsibility to determine the suitability of our products for their own particular purpose.

7. TYPICAL PACKAGING

25 Kg / 20 Kg
Multilayer Kraft Paper Bags
with PE Liner
or as per customer request

8. STORAGE

Store in a cool, dry and well-ventilated area, away from direct sunlight and moisture. Keep containers tightly closed when not in use.

9. SHELF LIFE

24 months from date of manufacture under proper storage conditions.

For further information, please contact:
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