



Pigment Yellow 3

CI PY3 | C.I. No. 11710

CAS: 6486-23-3 | Form: Powder | Purity: > 99% | MW: 313.74 g/mol

SECTION 1 - PRODUCT IDENTIFICATION

Colour Index	CI PY3 C.I. No. 11710	Form	Powder
CAS Number	6486-23-3	Purity	> 99%
Molecular Wt.	313.74 g/mol	Shade	Greenish Yellow
Chemical Class	Monoazo	Opacity	Transparent

SECTION 2 - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity	1.50 g/cm3	Appearance	Fine homogeneous powder
Oil Absorption	34 cc/100g	Heat Resistance	Stable at 180CC-200CC
pH Value	7.0	Lightfastness	7/7/6-7
Moisture/Vol.	1% Max	Weatherfastness	N/A

SECTION 3 - PERFORMANCE & FASTNESS PROPERTIES

Lightfast. (Mass)	7	Acid Fastness	3
Lightfast. (Tint)	6-7	Alkali Fastness	4
Water Fastness	5	Weather (Mass)	N/A
Oil Fastness	3	Weather (Tint)	N/A
Heat Stability	Stable at 180CC-200CC	Standard Pack	25 kg Bags

SECTION 4 - DETAILED CHEMICAL & SOLVENT RESISTANCE (1-5 SCALE)

Water	5	Ethanol	2-3	Butyl Acetate	3
Mineral Turpentine	3	M.E.K.	2	Butanol	2-3
Acetone	3	Xylene	2	Soap	4
Linseed Oil	4-5				

SECTION 5 - KEY FEATURES & PROPERTIES

- Lightfastness: 7 (25% / 10% Shade) / 6-7 (5% Shade) - Blue Wool Scale (1-8)
- Heat Stable at 180CC-200CC - suitable for plastics & rubber processing
- Excellent water resistance: Rating 5 (1-5 Scale)
- Good oil compatibility: Linseed Oil 4-5, Soap 4, Mineral Turpentine 3
- Versatile use across Plastic, Rubber, Paint, Inks, Soaps & Cement Colour
- ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018 | FSSAI certified - REACH compliant, does not contain 24 ban

SECTION 6 - RECOMMENDED APPLICATIONS

Plastic	Suitable
Rubber	Suitable
Paint	Suitable
Printing Inks	Suitable
Soaps	Suitable
Cement Colour	Suitable

SECTION 7 - PACKAGING, STORAGE & COMPLIANCE

Standard Pack	25 kg Bags
Storage	Store in sealed containers in a cool, dry place. Moisture content: 1% Max.
Shelf Life	2 years from date of manufacture
Manufactured By	Kanani Dyes Chem LLP, Gujarat, India
Quality Std.	ISO 9001:2015 ISO 14001:2015 ISO 45001:2018
Compliance	REACH Compliant RoHS Compliant FSSAI Certified

For Samples, Technical Queries & Pricing:

sales@kananipigment.com | +91 88499 95971 | www.kananipigment.com | Gujarat, India