



PRODUCT DATASHEET

PRODUCT NAME:

PIGMENT YELLOW 12

PRODUCT CODE:

PI401

Exclusive Representative of Pigment India



Identification

Product Name	Pigment YELLOW 12
Product Code	PI401
Chemical Class	Dis- Azo Pigment of without lake forming group.
Color Index No.	21090
AVILABLE FORM	POWDER

Physical Properties

Specific Gravity (20 *C)	1.4 gms/cc Oil
Oil Absorption	39 CC
Sieve Residue (240 Mesh).	0.5 % Max
Heat Stability	1% Max
Water Soluble Matter	200 *C for 10 Min
Moisture Content	1 % Max.
Water Soluble	1 % Max.
pH of Aqueous extract	7 to 7.5

Resistance to:

Water	5	Linseed Oil	4-5
Ethanol	5	Soap	5
Butanol	5	Acid	5
Acetone	4	Alkali	5
Butyl Acetate	4	Sterilization	1
Xylene	4-5		
Mineral Turpentine	4-5		
Methyl Ethyl Ketone	3-4		

Light fastness (Scale 1 - 8) : (1-8 Scale. 1 – Very Low 8- Outstanding)

1/1 Depth : 4 (8.3%) 1/3 Depth : 3 (4.2%) 1/25 Depth : 3 (0.8%)

DESCRIPTION TECHNICS :

Following Equipments Can Be Used For Pre-Mixing And Grinding Operations:

Ball & Pebble Mills, Three Roll Mills, Attrition Sand & Pearl Mills Heavy Duty Mixers

PRODUCT RECOMMENDATION :

Pigment is Suitable For The Following Inks Systems.

Letterpress Inks, Gravure Inks. Offset Inks, Metal Decorative Inks, Flexo Inks, Silk Screen Inks etc.

GENERAL DISCRIPTION :

Pigment yellow-12 is a slightly opaque bright pigment. High Strength. with

Good working properties. It Offers Good Flow. it gives good rheological properties &

Good gloss in most Ink system. It is also used in soap fast inks also suitable for textile .

HAZARDOUS INGREDIENTS : None