



# TECHNICAL DATA SHEET

## PY-105 DIARYLIDE YELLOW 12

C. I. PIGMENT YELLOW 12      C. I. NO. 21090

### DESCRIPTION

PY-105 is a medium shade, semi-opaque yellow used for many standard process yellow shades in printing ink applications.

### Typical Physical Properties

Bulk Density	~11.60
pH (10% Aqueous Slurry)	6.5 – 8.5
Moisture Content	<2.0%

### Bleed Characteristics

Xylene	Slightly Soluble
Ethanol	Slightly Soluble
Mineral Spirits	None
Lacquer Solvents	Slightly Soluble
Water	None

### Lightfastness

Full Shade	Poor
Tint	Poor

### Chemical Resistance

Acid	Excellent
Alkali	Excellent

### Heat Stability – Inks

(Metal Deco – 30 Min)

340°F.

### Suggested Uses

Recommended for various water based printing ink applications in addition to UV Inks.

9/05

## LANSCO COLORS

305 WEST GRAND AVE., MONTVALE, NJ 07645 201-307-5995 ● FAX 201-307-5855  
191 SECOND AVE., WARWICK, R.I. 02888 401-461-4100 ● FAX 401-785-9323

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