

Technical Datasheet

Product description

Color Index Pigment Yellow 13
Yellow 8123

Technical properties

Yellow 8123 is a diarylide aniline yellow pigment. It is highly transparent and specifically designed for gravure ink application.

Physical Data

Moisture (%) ≤ 2.0
Water Soluble Matter (%) ≤ 1.5
Oil Absorption (ml/100g) 35-45
Electric Conductivity (us/cm) ≤ 500
Fineness (80mesh) % ≤ 5.0
PH Value 6.0-5.0

Fastness Properties (5=excellent, 1=poor)

Acid Resistance 3-4
Alkali Resistance 3-4
Alcohol Resistance 4
Ester Resistance 4
Benzene Resistance 4
Ketone Resistance 3

Bleeding Resistance 3
Migration Resistance 3
Heat Resistance (°C) 180 (for ink)
Light Fastness (8=excellent) 5 for paint and ink

Applications: ☉ main use ○ suggest using

INK			Coating		Plastics	
Offset ink	offset ink		Industrial Paint		PVC	
	Metal Deco		Coil Coating		PO	
Gravure Ink	PA	☉	Powder Coating		Fiber	
	CI-PP	☉	Water based Deco Paint		PP	
	NC	☉	Solvent based Deco Paint		PS/PC/PA	
	PU	☉	OEM/Refinish Paints		PU	
Flexo Ink	Alcohol base		Textile Printing			
	Water base					
Screen Ink						
UV Ink						