

HANGZHOU HANHAO CHEMICAL CO., LTD

Plant: Jiangdong Development Zone, Great Jiangdong District, Hangzhou China

Office: 2103 Bldg1, Dacheng Plaza, Shixin Road, Xiaoshan, Hangzhou, China

Tel:+86-571-82502631/82551631 **Fax:**+86-571-82722631

TECHNICAL DATA SHEET

Product Description:

Product Name:	Benzidine Yellow GW-ST
Color Index:	Pigment Yellow 13
C.I.No.	21100
CAS No.	5102-83-0
EC No.	225-822-9
Chemical Nature:	Disazo
Chemical Formula	$C_{36}H_{34}Cl_2N_6O_4$

Technical Properties:

Benzidine yellow pigment with semi-transparent and high strength. It is suitable for most applications except the high degree of light and heat fastness

Application:

Recommend: PVC, RUB, PP, PE and water based ink and textile printing.

Physical Properties

Appearance	Yellow powder
Color Shade	Reddish shade
Density(g/cm3)	1.5
Water Soluble Matter	≤1.5
Coloring Strength	100% ± 5
PH Value	6.5-7.5
Oil Absorption	35-45
Acid Resistance	5
Alkali Resistance	5
Heat Resistance	180°C
Migration Resistance	4 (1-5, 5 is excellent)

Resistance			Recommended applications							
Heat °C	Light	Migration	PVC	PU	RUB	Fiber	EVA	PP	PE	PS.PC.PA
180	4~5	4	●		○			●	●	

Note: The above information is provided as guidelines for your reference only.
The accurate effects should base on the test results in laboratory.