

# HANGZHOU GEECOLOR CHEMICAL CO., LTD.

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## TECHNICAL DATA SHEET

### Product Description:

Product Name: Benzidine Yellow GW1201  
Color Index: Pigment Yellow 12  
C.I.No. 21090  
CAS No. 6358-85-6  
EC No. 229-355-1  
Chemical Nature: Disazo  
Chemical Formula:  $C_{32}H_{26}Cl_2N_6O_4$

### Technical Properties:

Diarylide aniline yellow pigment, high transparent, high tinting strength

### Application:

Recommend: water-based inks

### Physical Properties

Density(g/cm <sup>3</sup> )	1.5
Moisture (%)	≤2.0
Water Soluble Matter	≤1.5
Oil Absorption (ml / 100g)	40-50
Electric conductivity (us/cm)	≤500
Fineness(80mesh)	≤5.0
PH value	6.0-7.0

### Fastness Properties ( 5=Excellent, 1=Poor)

Acid Resistance	5	Soap Resistance	5
Alkali Resistance	5	Bleeding Resistance	4
Alcohol Resistance	5	Migration Resistance	-
Ester Resistance	4	Heat Resistance (°C)	160
Benzene Resistance	4	Light	5
Ketone Resistance	4	Fastness(8=Excellent)	

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