



**HANGZHOU SUNGLOW CHEMICAL CO., LTD.**  
6F, Block 4, Orient International Plaza, No.60 North Shixin Road, Xiaoshan,  
Hangzhou 311215, China  
Tel : +86 571 8273 7745      E-mail: sales@sunglowchem.com  
Fax: +86 571 8273 7745      Web: www.sunglowchem.com

## TECHNICAL DATA SHEET

### Product Description:

Product Name:	Benzidine Yellow GR
Color Index:	Pigment Yellow 13
C.I.NO.:	21100
Chemical Nature:	Diarylide
CAS No.:	5102-83-0
Chemical Formulation:	C36H34Cl2N6O4

### BENZIDINE YELLOW GR



Full Shade



Reduced Shade

### Physical Data:

Appearance	Yellow Powder
Density (g/cm <sup>3</sup> )	1.4
Moisture (%)	≤2.0
Water Soluble Matter (%)	≤1.5
Oil Absorption (g/100g)	40-50
Fineness (80mesh dry method) %	≤5.0
PH Value	6.0-8.0
Conductivity (us/cm)	≤500

### Fastness Properties (5=excellent, 1=poor):

Bleeding Resistance	4
Migration Resistance	4
Light Fastness (8=excellent)	6
Heat Resistance °C	180
Acid Resistance	5
Alkali Resistance	5

### Product Features:

Benzidine Yellow GR is a versatile diarylide yellow pigment with high strength.

### Recommended Application:

Water Based Inks, Water Based Coatings, Textile Printing, Plastic.