



**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:

| <b>FAST YELLOW H4G</b> |                    |
|------------------------|--------------------|
| Product Name:          | Fast Yellow H4G    |
| Color Index:           | Pigment Yellow 151 |
| C.I.NO.:               | 13980              |
| Chemical Nature:       | Benzimidazolone    |
| CAS No.:               | 31837-42-0         |
| Chemical Formulation:  | C18H15N5O5         |

### Physical Data:

|                                 |               |
|---------------------------------|---------------|
| Appearance                      | Yellow Powder |
| Density (g/cm3)                 | 1.6           |
| Moisture (%)                    | ≤1.0          |
| Water Soluble Matter (%)        | ≤1.5          |
| Oil Absorption (g/100g)         | 40-55         |
| Fineness (100mesh dry method) % | ≤5.0          |
| PH Value                        | 6.0-8.0       |
| Conductivity (us/cm)            | ≤500          |

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

|                              |     |
|------------------------------|-----|
| Bleeding Resistance          | 5   |
| Migration Resistance         | 5   |
| Light Fastness (8=excellent) | 8   |
| Heat Resistance °C           | 260 |
| Acid Resistance              | 5   |
| Alkali Resistance            | 4   |

### Product Features:

Fast Yellow H4G is a green-shade yellow pigment with excellent light fastness, good weather fastness and heat resistance. Idea replacement for lead chrome pigment.

### Recommended Application:

All applications.