

# 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:

Color Index:	Solvent Blue 101
C.I.No.	615670
CAS No.	6737-68-4
EC No.	229-792-8
Chemical Family	Anthraquinone Series
Chemical Formula	$C_{28}H_{22}N_2O_2$

### Technical Properties:

With bright greenish light. With good heat resistance, good light fastness and migration resistance. It has bright color in plastic.

**Application:** (“☆” Superior, “○” Applicable, “△” Not recommend

PS	HIPS	ABS	PC	RPVC	PMMA	SAN	AS	PA6	PET
☆	☆	☆	☆	☆	☆	☆	☆	○	○

### Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
0.42	200-201	8	0.025	0.05

**Light Fastness:** Consist of 1<sup>st</sup> to 8<sup>th</sup> grade, and the 8<sup>th</sup> grade is superior, the 1<sup>st</sup> grade is bad.

**The heat resistance in PS can reach to 300℃**

Degree of pigmentation: 0.05% dyes+0.1% titanium dioxide R

**Solvent blue 101 solubility in organic solvent at 20℃(g/l)**

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
1.6	1.9	7.1	19	1.5

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