

# 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 Black 3
C.I.No.	26150
CAS No.	4197-25-5
EC No.	224-087-1
Chemical Formula	C <sub>29</sub> H <sub>24</sub> N <sub>6</sub>

### Technical Properties:

The product is black oil solvent dye with bluish shade. With good heat resistance, good light fastness and high tinting strength, also bright color.

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

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

Also used in printing inks.

### Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
0.29	115-140	4-6	0.03	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 black 3 solubility in organic solvent at 20℃(g/l)**

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
280	100	10.3	116.8	35.5

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