

# HANGZHOU HANHAO CHEMICAL CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Color Index:	Solvent Red 23
C.I.No.	26100
CAS No.	85-86-9
EC NO.	201-638-4
Chemical Family	Azo Series
Chemical Formula	C <sub>22</sub> H <sub>16</sub> N <sub>4</sub> O

### Technical Properties:

The product is yellowish transparent red oil solvent dye. It is of good heat resistance, good light resistance and high tinting strength and bright color.

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

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

Also used in paint, ball pen ink and the raw liquor of terylene fibre.

### Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
0.24	205	5-6	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 250℃**

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

### Solvent red 23 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
3.1	3.2	7.7	17.1	2.1

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