

# HANGZHOU HANHAO CHEMICAL CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Color Index:	Solvent Blue 35
C.I.No.	61554
CAS No.	17354-14-2
EC No.	241-379-4
Chemical Family	Anthraquinone Series
Chemical Formula	$C_{22}H_{26}N_2O_2$

### Technical Properties:

The product is standard transparent blue oil solvent dye with bright green light. It is of 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
0.66	120	7-8	0.02	0.025

**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 260℃**

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

**Solvent blue 35 solubility in organic solvent at 20℃(g/l)**

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
13.6	22.3	86.3	171.3	2.6

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