

# HANGZHOU HANHAO CHEMICAL CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Color Index:	Solvent Green 3
C.I.No.	61565
CAS No.	128-80-3
EC No.	204-909-5
Chemical Family	Anthraquinone Series
Chemical Formula	C <sub>28</sub> H <sub>22</sub> N <sub>2</sub> O <sub>2</sub>

### Technical Properties:

With bluish shade. 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
☆	☆	☆	☆	☆	☆	☆	☆	○	○

Can also used in coloring oils, waxes, greases, fats, hydrocarbons derivatives, polishes, oily insecticides, and acrylic emulsions

### Physical Properties

Density(g/cm <sup>3</sup> )	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
1.35	213	8	0.005	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 °C**

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

### Solvent green 3 solubility in organic solvent at 20 °C (g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
0.8	3	20	20	0.1

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