

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 Green 3
C.I.No.	61565
CAS No.	128-80-3
EC No.	204-909-5
Chemical Family	Anthraquinone Series
Chemical Formula	$C_{28}H_{22}N_2O_2$

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/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
1.35	213	8	0.005	0.05

Light Fastness: Consist of 1st to 8th grade, and the 8th grade is superior, the 1st grade is bad.

The heat resistance in PS can reach to 300℃

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

Solvent green 3 solubility in organic solvent at 20℃(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.