

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 Blue 97
C.I.No.	615290
CAS No.	32724-62-2
EC No.	251-178-3
Chemical Family	Anthraquinone Series
Chemical Formula	$C_{36}H_{38}N_2O_2$

Technical Properties:

With bright reddish light. 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
☆	○	☆	☆	☆	☆	☆	△	○	☆

Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
1.45	200-220	7-8	0.025	0.035

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 blue 97 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
3.0	10.0	125	240.0	0.2

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