

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 Yellow 93
C.I.No.	48160
CAS No.	4702-90-3
EC NO.	225-184-1
Chemical Family	Pyrazolone Series
Chemical Formula	C ₂₁ H ₁₈ N ₄ O ₂

Technical Properties:

The product is greenish yellow oil solvent dye. It is of high heat resistant ability, good light fastness and strong dyeing power.

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

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

Also use in oil products, wax, fat, printing ink and etc.

Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
1.32	181	6-7	0.03	0.1

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 yellow 93 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
8	10	25	190	1

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