

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Color Index:	Solvent Yellow 33
C.I.No.	47000
CAS No.	8003-22-3
EC NO.	232-318-2
Chemical Family	Quinoline Series
Chemical Formula	C ₁₈ H ₁₁ NO ₂

Technical Properties:

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

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

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

Also use in medicine, cosmetic and wax, soap and etc.

Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
0.45	236	6-7	0.03	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 yellow 33 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
4.8	4.1	5.4	20.8	3.6

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