

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Color Index:	Solvent Yellow 163
C.I.No.	58840
CAS No.	13676-91-0/106768-99-4
EC NO.	237-167-6
Chemical Family	Anthraquinone Series
Chemical Formula	$C_{26}H_{16}O_2S_2$

Technical Properties:

The product is reddish yellow oil solvent. It is of good heat resistance, good migration resistance and bright color.

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

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

Also used in polyester's raw liquor.

Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
0.64	187	8	0.025	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 163 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
13.7	15.9	75.9	500	1.7

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