

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Color Index:	Solvent Red 25
C.I.No.	26110
CAS No.	3176-79-2
EC NO.	221-647-7
Chemical Family	Azo Series
Chemical Formula	C ₂₄ H ₂₀ N ₄ O

Technical Properties:

The product is reddish transparent red oil solvent dye. With good heat resistance, good light resistance and high tinting strength and bright color.

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

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

Also used for paint, ball pen ink, etc.

Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
0.28	150-155	5-6	0.01	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 260℃

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

Solvent red 25 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
19.4	17.9	23.5	48.9	6.9

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