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TECHNICAL DATA SHEET

Product Description:

Color Index:	Solvent Red 23
C.I.No.	26100
CAS No.	85-86-9
EC NO.	201-638-4
Chemical Family	Azo Series
Chemical Formula	C ₂₂ H ₁₆ N ₄ O

Technical Properties:

The product is yellowish transparent red oil solvent dye. It is of 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 in paint, ball pen ink and the raw liquor of terylene fibre.

Physical Properties

Density(g/cm ³)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
0.24	205	5-6	0.025	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 250°C

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

Solvent red 23 solubility in organic solvent at 20°C (g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
3.1	3.2	7.7	17.1	2.1

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