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TECHNICAL DATA SHEET

Product Description:

Color Index:	Solvent Red 135
C.I.No.	564120
CAS No.	20749-68-2/71902-17-5
EC NO.	244-007-9
Chemical Family	Naphthalene ring acetone Series
Chemical Formula	$C_{18}H_6Cl_4N_2O$

Technical Properties:

Yellowish transparent red oil solvent dye. It is of good heat resistance and light resistance, good migration resistance and high tinting strength with wide application.

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

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

Also used in coloring of terylene fibre's protoplasm.

Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
1.74	318	8	0.05	0.3

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 red 135 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
0.2	0.2	0.6	0.3	0.1

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