

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Color Index:	Solvent Red 27
C.I.No.	26125
CAS No.	1320-06-5
EC NO.	215-295-3
Chemical Family	Azo Series
Chemical Formula	$C_{26}H_{24}N_4O$

Technical Properties:

The product is bluish red powder. 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 coating,printing ink,particularly for the coloring of the petroleum products,such as coloring separation of petroleum products.

Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
0.41	105-120	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 230℃

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

Solvent red 27 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
5.4	9.5	40	145	2.5

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