

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Color Index:	Solvent Red 52
C.I.No.	68210
CAS No.	81-39-0
EC NO.	201-346-7
Chemical Family	Anthraquinone Series
Chemical Formula	C ₂₄ H ₁₈ N ₂ O ₂

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
☆	○	☆	☆	☆	☆	☆	-	○	☆

Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
0.45	155	6-7	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 300℃

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

Solvent red 52 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
0.3	0.3	-	30.0	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.