



# NINGBO PROCOLOR CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Color Index: Solvent Red 230

### Technical Properties:

Scarlet transparent red oil solvent dye. Excellent heat resistance and light resistance, good migration resistance and high tinting strength with wide application, highly recommended for PET filament application.

### Color Shade:



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

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

### Physical Properties

Density(g/cm <sup>3</sup> )	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
1.2	205-210	7~8	0.005	0.01

Light Fastness: Consist of 1<sup>st</sup> to 8<sup>th</sup> grade, and the 8<sup>th</sup> grade is superior, the 1<sup>st</sup> grade is bad.

### The heat resistance in PS can reach 300°C

Resin	PS	ABS	PC	PET	SAN	PMMA
Heat Resistance(°C)	300	280	300	300	300	280
Light Fastness (Full)	7~8	7	8	7~8	\	8
Light Fastness (Tint)	7	6	7	7	\	6~7

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

### Solvent Red 230 solubility in organic solvent at 20°C(g/l)

Water	Acetone	Butyl Acetate	Benzyl alcohol	Ethanol	Methyl methacrylate	Methylene chloride	Styrene (monomer)	Xylene
Insoluble	0.5	0.4	1.0	0.1	1.0	45	4.0	1.0

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