

# HANGZHOU HANHAO CHEMICAL CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Color Index:	Solvent Orange 60
C.I.No.	564100
CAS No.	6925-69-5
EC NO.	230-049-5
Chemical Family	Aminoketone Series
Chemical Formula	$C_{18}H_{10}N_2O$

### Technical Properties:

With yellowish shade. With good heat resistance, with good light fastness and migration resistance. It has bright color in plastic.

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

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

Mainly used in coloring of polystyrene, ABS resin, polymethylmethacrylate, resin, estron, unplasticized pvc and other plastics, also used in coloring of estron, caprone and terylene etc.

### Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
1.43	230	8	0.025	0.05

**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 to 300℃**

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

### Solvent orange 60 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
2	2.5	5	10	0.8

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