

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Color Index:	Solvent Yellow 12
C.I.No.	11860
CAS No.	6370-43-0
Chemical Family	Monoazo Series
Chemical Formula	C ₁₄ H ₁₄ N ₂ O

Technical Properties:

The product is brilliant greenish and reddish yellow powder. It is of good heat resistance, light fastness with 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
0.46	97	3-4	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 yellow 12 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
30	90	100	320	8

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