

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Color Index:	Solvent Yellow 56
C.I.No.	11021
CAS No.	2481-94-9
EC NO.	219-616-8
Chemical Family	Monoazo Series
Chemical Formula	C ₁₆ H ₁₉ N ₃

Technical Properties:

The product is deep reddish yellow powder. It is of good heat resistant ability, good light fastness and strong dyeing power.

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

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

Also use in oil products, wax, fat, printing ink and etc.

Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
0.46	100	4-5	0.02	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 220℃

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

Solvent yellow 56 solubility in organic solvent at 20℃(g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
171	146	371	500	15

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