

HANGZHOU HANHAO CHEMICAL CO., LTD

Plant: Jiangdong Development Zone, Great Jiangdong District, Hangzhou China

Office: 2103 Bldg1, Dacheng Plaza, Shixin Road, Xiaoshan, Hangzhou, China

Tel:+86-571-82502631/82551631 **Fax:**+86-571-82722631

TECHNICAL DATA SHEET

Product Description:

Color Index: Solvent Orange 107

CAS No. 185766-20-5

Chemical Family Pyrazolone Series

Technical Properties:

The product is reddish orange powder, with good temp resistance and light fastness and migration resistance.

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

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

transparent and opaque dyeing of PS, SAN, PMMA, PC, rigid PVC, CA and CAB. Opaque dyeing of SB, ABS and ABS/PC blends.

Physical Properties

Density(g/cm3)	Melting Point(°C)	Light fastness (in PS)	Recommended Dosage	
			Transparent	Nontransparent
0.47	223	7-8	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 orange 107 solubility in organic solvent at 20℃ (g/l)

Acetone	Butyl Acetate	Methylbenzene	Dichloromethane	Ethylalcohol
2.9	2.5	-	65	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.