

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:

Product Name:	Fast Orange GR
Color Index:	Pigment Orange 13
C.I.No.	21110
CAS No.	3520-72-7
EC No.	222-530-3
Chemical Nature:	Dis azo
Chemical Formula	$C_{32}H_{24}Cl_2N_8O_2$

Technical Properties:

A reddish pigment with semi-opaque and moderate light fastness and heat resistance.

Application:

Recommend: PVC, PE, RUB, offset inks, textile printing.

Also suggested for NC inks, PP inks, water based inks, industrial paint and water based paint..

Physical Properties

Appearance	Orange powder
Color Shade	Reddish Shade
Density(g/cm3)	1.50
Water Soluble Matter	≤15
Coloring Strength	100% ± 5
PH Value	6.5-7.5
Oil Absorption	30-40
Acid Resistance	4
Alkali Resistance	4
Heat Resistance	160°C
Migration Resistance	3~4 (1-5, 5 is excellent)

Resistance			Recommended applications							
Heat °C	Light	Migration	PVC	PU	RUB	Fiber	EVA	PP	PE	PS.PC.PA
160	6	3~4	●		●			○	●	○

Note: The above information is provided as guidelines for your reference only.

The accurate effects should base on the test results in laboratory.