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TECHNICAL DATA SHEET

Product Description:

Product Name:	Fast Orange R
Color Index:	Pigment Orange 16
C.I.No.	21160
CAS No.	6505-28-8
EC No.	229-388-1
Chemical Nature:	Dis azo
Chemical Formula	C ₃₄ H ₃₂ N ₆ O ₆

Technical Properties:

A reddish pigment with moderate light fastness and heat resistance. And good performance in printing ink., semi-transparent.

Application:

Recommend: PVC, PE,EVA , offset inks, water based inks, industrial paint and water based paint. Also suggested for NC inks, PP inks.

Physical Properties

Appearance	Orange powder
Color Shade	Reddish Shade
Density(g/cm3)	1.40
Water Soluble Matter	≤15
Coloring Strength	100% ± 5
PH Value	6.5-7.5
Oil Absorption	35-45
Acid Resistance	5
Alkali Resistance	4
Heat Resistance	180°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
180	7	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.