

Hangzhou Xcolor Chemical Company

TECHNICAL DATA SHEET

Pigment Orange 38



Product Description

Product Name	Fast Orange HFG
Color Index	<i>Pigment Orange 38</i>
C.I. No.	12367
CAS No.	12236-64-5
Chemical Family	Mono azo

Technical Properties

Fast Orange HFG is a yellowish red powder, with excellent fastness properties, good dispersability, and it has good resistance to solvents, soap, grease. In combination with Benzidine Yellow HR 02 it is possible to match brilliant orange shades with good light fastness.

Application

Recommended for offset inks, metal decorative ink, laminated film ink, industrial paint, powder coating and PE, EVA, RUB, PVC, PU, etc.

Suggested for PP, PS, ABS.

Physical Data

Density (g/cm ³)	1.43
Moisture (%)	≤1.5
Water Soluble Matter (%)	≤1.5
Oil Absorption (ml/100g)	40-50
Electric Conductivity (us/cm)	≤500
Fineness (250mesh)	≤5.0
PH Value	7-9

Fastness Properties(5=Excellent, 1=Poor)

Acid Resistance	5
Alkali Resistance	5
Alcohol Resistance	4
Ester Resistance	4
Benzene Resistance	4
Ketone Resistance	4
Soap Resistance	5
Bleeding Resistance	4
Migration Resistance	5
Heat Resistance (°C)	220
Light Fastness (8=Excellent)	7-8

Note: The above information is provided as guidelines only. It is important that the customer evaluate any product in their own resin system to determine suitability.