



## HANGZHOU SUNGLOW CHEMICAL CO., LTD.

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### TECHNICAL DATA SHEET

#### Product Description:

Product Name:	Permanent Orange G
Color Index:	Pigment Orange 13
C.I.NO.:	21110
Chemical Nature:	Disazopyrazolone
CAS No.:	3520-72-7
Chemical Formulation:	C <sub>32</sub> H <sub>24</sub> Cl <sub>2</sub> N <sub>8</sub> O <sub>2</sub>

#### PERMANENT ORANGE G



Full Shade



Reduced Shade

#### Physical Data:

Appearance	Orange Powder
Density (g/cm <sup>3</sup> )	1.4
Moisture (%)	≤2.0
Water Soluble Matter (%)	≤1.5
Oil Absorption (g/100g)	30-40
Fineness (80mesh dry method) %	≤5.0
PH Value	6.0-7.0
Conductivity (us/cm)	≤500

#### Fastness Properties (5=excellent, 1=poor):

Bleeding Resistance	4
Migration Resistance	4
Light Fastness (8=excellent)	4-5
Heat Resistance °C	180
Acid Resistance	4
Alkali Resistance	4

#### Product Features:

Permanent Orange G is a semi-transparent yellow-shade orange pigment with moderate light fastness and good heat resistance.

#### Recommended Application:

Recommended for Water Based Inks and Textile Printing. Suggested for Coating, Plastic, Offset Inks and NC Inks.