

# PANAX ORANGE P

Revision Date: 03/2015 Revision No.: 3

## PRODUCT DESCRIPTION

Red shade Orange 13

**Color Index** Pigment Orange 13

**C.I. No.** 21110

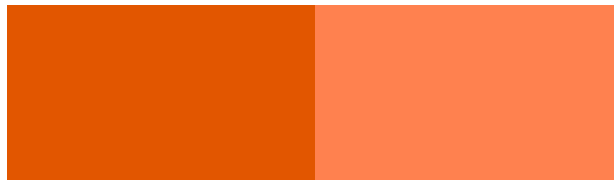
**Chemical Type** Disazopyrazolone pigment

**CAS No.** 3520-72-7

**EINECS No.** 222-530-3

## FULL SHADE

## REDUCTION 1:25 TiO<sub>2</sub>



## PHYSICAL DATA

**Appearance** Orange powder

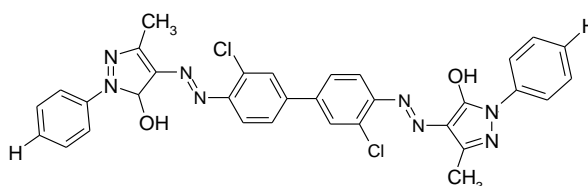
**pH (2% aqueous)** 6-8 ISO 787-9

**Specific gravity** 1,5 g/cm<sup>3</sup> ISO 787-10

**Bulk volume** 540 cm<sup>3</sup>/100 g ISO 787-11

**Oil absorption** 34 g/100 g ISO 787-5

## CHEMICAL STRUCTURE OF THE PIGMENT



## FASTNESS PROPERTIES

**Acid** 5 ISO 787-4

**Alkali** 4 ISO 787-4

**Water** 5 ISO 2836

**Ethanol** 4 ISO 2836

**Xylene** 3 ISO 2836

**MEK** 3 ISO 2836

**DOP** 4 ISO 2836

**Heat / 150°C, 10 min** 4 ISO 787-21

**Heat/ 210°C, 10 min** 3 ISO 787-21

**Light 1/3 SD** 5 ISO 105-B01

**Light 1/25 SD** 4 ISO 105-B01

**Molecular formulae** C<sub>32</sub>H<sub>24</sub>Cl<sub>2</sub>N<sub>8</sub>O<sub>2</sub>

**Molecular Mass** 623,5 g/mol

## APPLICATION RECOMMENDATION

**Publication gravure** -

**Offset** recommended

**Paint (Oil-Base)** -

**Paint (Water-Base)** -

**Plastics** recommended

**Textile** recommended

## REGULATORY COMPLIANCE

**German BfR IX** compliant

**AP(89)1** compliant

**FDA 21 CFR 178.3297** not listed

**CONEG, EC 94/62** compliant

**ROHS 2002/95/E, 2005/618/EC** compliant

## STANDARD PACKAGING

**Paper bags** 10 kg net

**Big Bags type C** On request

Our product specific end application information are based upon our current knowledge. They are presented without any representation or warranty concerning the suitability, performance or correctness of the product for a particular application or use. Significant variations can occur between test results and results obtained in actual use. We strongly advise that the customer test the product in the specific intended application under conditions expected during use.

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