



Chemraws Company

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TECHNICAL DATA SHEET

Pigment Yellow 13

1. Product description

Color Index Pigment Yellow 13

C.I. No. 21100

CAS No. 5102-83-0

Chemical Group Diarylide

2. Technical properties , Physical Data , Fastness Properties (5=excellent, 1=poor)

Permanent Yellow 1148 is a diarylide yellow with good opacity. It is suitable for most applications except where a high degree of light fastness is required.

Moisture (%) ≤ 2.0

Water Soluble Matter (%) ≤ 1.5

Oil Absorption (ml/100g) 35-45

Electric Conductivity (us/cm) ≤ 500

Fineness (80mesh) % ≤ 5.0

PH Value 6.5-7.5

Acid Resistance 5

Alkali Resistance 5

Alcohol Resistance 5

Ester Resistance 4

Benzene Resistance 4

Ketone Resistance 4

Soap Resistance 4

Bleeding Resistance 4

Migration Resistance 4

Heat Resistance ($^{\circ}\text{C}$) 180

Light Fastness (8=excellent) 6

3. Application

Recommended for Water Based Inks.

Suggested for Industrial Paints, Powder Coatings, Textile Printings, Offset Inks, Plastics.