



Pigments for Inks

See The Difference We Make

1817

Dianisidine Orange PO.16
Pigment Orange 16

New PO.16 for aqueous and solvent inks and dispersions

Yellow shade orange pigment with bright clean hue

Very high gloss and transparency, with high tint strength

Excellent rheology and stability



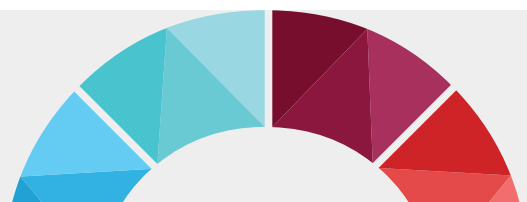
Applications

- Solvent Based Inks ●
- Water Based Inks ●
- UV Inks ○
- InkJet ○

RECOMMENDATIONS: ● Frequently Used ○ Limited Use ○ Not Normally Used

ISO 9001
ISO 14001

pigments.com
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1817

Dianisidine Orange PO.16 Pigment Orange 16

CHEMICAL CLASS
PYRAZOLO QUINAZOLONE
C.A.S. # 6506-28-8
Constitution # 21160

Product Overview

1817 is a transparent, bright yellow shade Pigment Orange 16 for both solvent and water based inks and dispersions.

Regulatory

- PO.16 is listed in all international registries: Canadian DSL, USA TSCA, EINECS, Australia, China, Japan, Korea, Taiwan, New Zealand, Philippines
- REACH registered

Key Benefits

- It is the strongest and the most transparent pigment orange 16 grade in the market
- Excellent gloss retention properties
- Outstanding rheological properties and storage stability

PRODUCT CHARACTERISTICS	
Specific Gravity	1.40 g/cm ³
Oil Absorption	49 g/100g
Lightfastness	
Masstone	5
Tint	2
Heat Resistance	120°/ 30 minutes

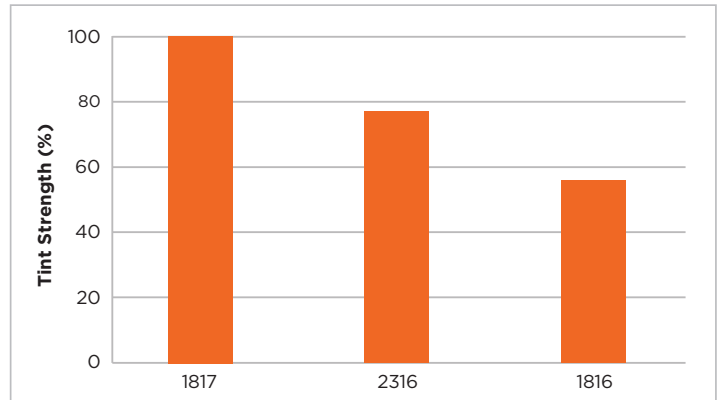
LIGHTFASTNESS: 1 = Poor 2-3 = Fair 4-5 = Good 6-7 = Very Good 8 = Excellent

For more information on 1817, please contact sales@pigments.com or request a free sample online.



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COMPARISON OF PO.16 GRADES
TINT STRENGTH IN WATER FLEXO INK



RESISTANCE PROPERTIES

Ethyl Acetate	4
Ethyl Alcohol	4
MEK	4
Water	5
Mineral Spirits	5
Xylene	4
Acid Resistance	5
Alkali Resistance	5

LEGEND: 1 - Poor 2 - Fair 3 - Good 4 - Very Good 5 - Excellent

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