



TECHNICAL DATA SHEET

1836 BENZIMIDAZOLONE ORANGE 36

C.I. PIGMENT ORANGE 36

C.I. No. 11780

DESCRIPTION

Opaque grade of PO 36 that exhibits a reddish shade orange with excellent light and weather fastness characteristics. This product has high opacity and good flow properties in all types of coatings. Also recommended for printing inks and some plastic applications.

Typical Physical Properties

Bulk Density	~13.20
pH (10% Aqueous Slurry)	6.0 – 7.5
Moisture Content	< 2.0%

Bleed Characteristics

Xylene	4-5
Ethanol	4-5
Mineral Spirits	5
Water	5

Lightfastness

	<u>Alkyd Paint</u>	<u>Offset Inks</u>	<u>Plastics PVC</u>
Full Shade	8	6+	8
Tint	7+	6+	6+

Chemical Resistance

Acid	5
Alkali	5

Heat Stability – Inks

(Metal Deco – 30 Min)

425°F.

Heat Stability - Plastics

(HDPE – 5 min)

500°F.

Heat Stability– Coatings

(Baking Alkyd – 30 min)

320°F.

Suggested Uses

Used extensively for automotive (OEM and refinish), agricultural equipment and general industrial applications. Combinations with quinacridone pigments can be formulated to produce various RAL 3000 shades (fire engine red, carmine, ruby, tomato red shades, etc). This product is also frequently used throughout the printing ink industry for letterpress, offset inks, packaging gravure, metal deco printing and flexographic inks. This product also can find selected uses in the plastics industry.

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