

Pigment Orange 36

C.I. Name	Pigment Orange 36
C.I. No.	11780

CAS. No.	12236-62-3
Chemical Group	Benzimidazolone

Product Description

Orange 36 is an opaque red shade benzimidazolone pigment suitable in all coatings and inks requiring excellent light and weather fastness properties. Also a good choice for scarlet / molybdate orange alternative.

Physical Data

Density (g/cm ³)	1.6~1.7
Form of Supply	Orange Powder
Oil Absorption (mg/100g)	40~60
Moisture (%)	≤1.0
PH Value	6.5~7.5
Light Fastness	8
Heat Stability	200°C / 392°F

Chemical Resistance

Acid	5
Alkali	5
Alcohol	5
Ester	4~5
Ketone	4~5
Soap	5
Migration	5

Applications

- Coatings

Automotive Coating	●
Industrial Coating	●
Decorative Coating	●
Coil Coating	●
Wood Coating	●
Powder Coating	●

- Plastics

PVC	○
PE/PP/PO	○
ABS	-
PS	-
PA	-
Rubber	○

- Inks

Solvent based	●
Water based	●
UV / EB	●
Inkjet	○

● Recommend

○ Limited Suitability

- Not Recommended

Product Specification

Test Property	Specification	Test Method
dE	≤1.0	AFTM-P 2.1
Color Strength	100±5%	AFTM-P 2.1

Packaging, Shipping & Storage

Pigment Orange 36 is supplied in powder form. The product is packed in 10kg/22lb paper bag and shipped on pallets (400kg). Please keep the product stored under normal temperatures, dry and protected from weather.

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.