



# Pigments for Plastics

*See The Difference We Make*

## 7065

Benzimidazolone Orange 64  
Pigment Orange 64

Clean, bright yellow shade  
orange pigment

Used in high-end plastic applications

Very good weatherfastness and heat  
stable to 300°C

FDA & AP(89)1 compliant for  
non-direct food contact applications



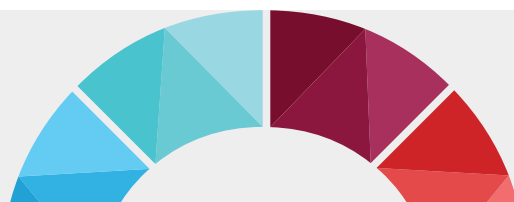
## Applications

- Blow Molding ●
- Fibres Polypropylene ○
- Film ●
- Injection Molding ●
- PVC ●
- Engineering Resins ○ (ABS, Polystyrene, Polycarbonate, PMMA, HIPS, PUR)

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

ISO 9001  
ISO 14001

pigments.com  
sales@pigments.com



# 7065

## Benzimidazolone Orange 64 Pigment Orange 64

CHEMICAL CLASS  
Benzimidazolone  
C.A.S. # 12760  
Constitution No. 72102-84-2

### Product Overview

7065 is an organic yellow shade orange pigment (PO.64) that is suitable for a wide range of high-end plastics applications, due to its excellent heat stability, very good weatherfastness, and FDA & AP(89)1 compliance for non-direct food contact applications.

### Regulatory

- 7065 is in compliance with the Code of Federal regulations in the USA, Canada, Europe, Japan, China, Philippines, Australia, New Zealand and South Korea. It is FDA compliant (FDA 21CFR 178.3297) for indirect food contact at levels not to exceed 1 percent by weight of polymers under conditions B through H (visit [www.ecfr.gov](http://www.ecfr.gov) for more information). This product is also AP(89)1 approved in Europe for indirect food contact applications.

### Key Benefits

- This yellow shade orange benzimidazolone pigment can be used in many high-end plastics markets, making it a superior choice compared with other organic orange pigments. 7065 is recognized as the definitive orange pigment for interior non-direct food contact and toy applications.



#### PRODUCT CHARACTERISTICS

Weatherfastness Masstone Tint	5 1 - 2
Physical Properties Specific Gravity Oil Absorption Heat Resistance	1.5g/cm <sup>3</sup> 47g/100g 300°C
Warp Resistance	2

WEATHERFASTNESS: 1 - Severe Change In Shade 5 - No Change In Shade

WARP RESISTANCE: 1 - Minimal Warpage 2 - Some Warpage 3 - Not Recommended

#### RESISTANCE PROPERTIES

Wax	5
MEK	4
Mineral Spirits	4
Water	5
Xylene	5
Acid Resistance	5
Alkali Resistance	1

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

For more information on 7065, please contact [sales@pigments.com](mailto:sales@pigments.com) or request a free sample online.



*See The Difference We Make*

ISO 9001  
ISO 14001

[www.pigments.com](http://www.pigments.com)  
[sales@pigments.com](mailto:sales@pigments.com)



03/20

© 2020 DCL Corporation. The information in this handout is based on extensive testing and application experience and is believed to be a reliable indication of the results that may be expected. However, the data does not constitute a specification for the products, and is offered only as a guide to performance without guarantee or warranty of any kind. Because of the difficulties of modern color reproduction, the shades may vary slightly from the final color application. Since many variables have a strong influence on pigment performance, the users are encouraged to test each product in their own laboratory prior to use. All rights reserved.

All statements valid at time of printing. The DCL logo is a trademark of DCL Corporation.