



# Pigments for Plastics

See The Difference We Make

## 7380

Benzimidazolone Yellow PY.180  
Pigment Yellow 180

High heat stable mid-shade yellow

Low warpage

Excellent dispersibility

FDA Approved



### Applications

- Blow Molding ●
- Fibers Polypropylene ●
- Film ●
- Injection Molding ●
- PVC ●
- Engineering Resins ○

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

ISO 9001  
ISO 14001

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# 7380

## Benzimidazolone Yellow PY.180

Pigment Yellow 180

### CHEMICAL CLASS

Mono Azo Yellow

C.A.S. # 129433-54-7

Constitution No. 18795

### Product Overview

7380 is a high-performance mid-shade organic yellow for use in a broad range of plastic packaging applications. It is a new grade of PY.180, with increased strength and improved dispersibility. It highly recommended for film, blow & injection molding.

### Regulatory

- 7380 is compliant with the Code of Federal Regulations, FDA Indirect Food Additives: Adjuvants, Production Aids and Sanitizers, Part 178.3297 - Colorants for Polymers (21CFR178.3297) at a 1% loading.
- It has been registered according to the REACH regulation and is on the following chemical inventories: U.S. TSCA, EU, Japan, Australia, Korea, China, Canada, Philippines, New Zealand and Taiwan.

### Key Benefits

- FDA compliant for food contact polymers
- Cost effective due to its high color strength
- Low warping plastics grade with high Heat stability
- Excellent dispersibility properties (low screen pack pressure)



### PRODUCT CHARACTERISTICS

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

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

WARPAGE RATING: 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 7380, please contact [sales@pigments.com](mailto:sales@pigments.com) or request a free sample online.



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