



See The Difference We Make

Pigments for Coatings

7294

Benzimidazolone Yellow 194 Pigment Yellow 194

High performance green-shade yellow

Enhanced chroma and opacity
compared to traditional PY.194's

High Tinting Strength Benzimidazolone

Improved durability PY.194 for industrial,
powder and architectural coatings

DCB Free; Suitable Alternative for
Diarylides

Heavy metal free alternative to Chrome
yellow pigments



Applications

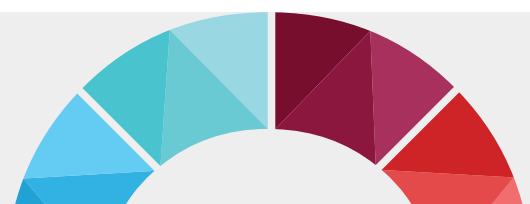
Coatings

- Decorative ●
- Automotive ○
- Industrial ●
- Powder Coatings ●

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

ISO 9001
ISO 14001

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7294

Benzimidazolone Yellow 194 Pigment Yellow 194

CHEMICAL CLASS
BENZIMIDAZOLONE YELLOW
C.A.S. 82199-12-0
CONSTITUTION # 11785

Product Overview

Yellow 7294 is an innovative PY.194 with increased particle size and improved durability compared with traditional PY.194's. This Benzimidazolone pigment is heavy metal and DCB free, so a good alternative to Lead Chromate and Diarylide yellow pigments.

In general, PY.194 has the highest tint strength compared to other Benzimidazolone yellow pigments - stronger than PY.154, PY.151 and PY.175, and much stronger than Bismuth Vanadate. This pigment was designed to have the highest opacity and weatherfastness of DCL's PY.194 product offerings.

7294 also has outstanding alkali stability and outperforms PY.154 and alkali stable Bismuth Vanadate's in this regard. It is recommended for industrial coatings, powder coatings and architectural coatings.

Regulatory

DCL-7294, PY. 194 has been REACH registered and is listed in the following global chemical inventories: U.S. TSCA, EU, Japan, Australia, Korea, China, Canada, Philippines, New Zealand and Taiwan.

Key Benefits

- High performance green -shade yellow
- Enhanced chroma and opacity compared to traditional PY.194's
- High Tinting Strength Benzimidazolone
- Improved durability PY.194 for industrial, powder and architectural coatings
- DCB Free; Suitable Alternative for Diarylides
- Heavy metal free alternative to Chrome yellow pigments



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RESISTANCE PROPERTIES	
Ethyl Acetate	4
Ethyl Alcohol	5
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

PRODUCT CHARACTERISTICS	
Weatherfastness	
Masstone	5
Tint	4
Lightfastness	
Masstone	7
Tint	7
Physical Properties	
Specific Gravity	1.4
Oil Absorption	5.5-8.5 g/100g
Heat Resistance	200°C
WEATHERFASTNESS:	
1 - Poor 2 - Fair 3 - Good 4 - Very Good 5 - Excellent	
LIGHTFASTNESS:	
1 - Poor 2-3 - Fair 4-5 - Good 6-7 - Very Good 8 - Excellent	

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