



Pigments for Plastics

See The Difference We Make

1462F

Metal Azo Yellow 62 (FDA)

Pigment Yellow 62

The only FDA compliant PY.62 for food contact polymers

Cost-effective alternative to PY.191 & PY.180

Clean medium shade yellow

Low warping grade

Used in plastic applications requiring good heat stability (240°C) and dispersion properties

Excellent heavy metal free alternative (ie. To Lemon Chrome Yellow)

A DCB-free Alternative to Diarylide Yellows



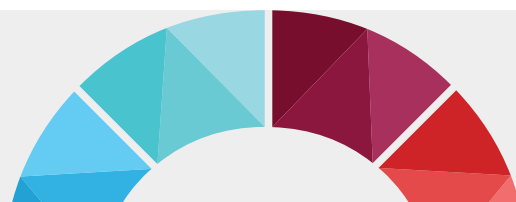
Applications

- Fibers - Polypropylene ●
- Film ●
- Blow Molding ●
- Injection Molding ●
- PVC Wire & Cable ●
- Engineering Resins ○ (ABS, HIPS PC, PET, PMMA, PS, PUR)

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

ISO 9001
ISO 14001

pigments.com
sales@pigments.com



1462F

Metal Azo Yellow 62 (FDA)

Pigment Yellow 62

CHEMICAL CLASS

Mono-azo Yellow

C.A.S. # 12286-66-7

Constitution # 13940

Product Overview

1462F is a FDA compliant clean green medium yellow for colouration of plastics including LDPE, LLDPE, HDPE, PP and PVC. It is suitable for film application and is a cost effective alternate for PY.191 and PY.180. DCC 1462F is comparable in shade and strength to Non FDA compliant PY.62.

Regulatory

- 1462F is an FDA compliant grade PY.62 for food contact polymers (FFDCA 21 U.S.C. 348(h)(2)(C) and 409(h)(2)(C) at levels not to exceed 0.5% by weight in all types of food contact polymers)

Key Benefits

- FDA compliant for food contact polymers
- Cost effective alternative to PY.191 & PY.180
- Low warping plastics grade with high heat tolerance
- Excellent dispersibility properties (low screen pack pressure)

PRODUCT CHARACTERISTICS

Physical Properties	
Specific Gravity	1.55g/ml
Oil Absorption	51
Moisture	<2.0%
Chemical Resistance	
Dilute Acid:	3
Dilute Alkali:	2
Organic Solvents:	4
Heat Resistance	Heat stable to 240°C or 464°F plus in HDPE, 5 min. dwell time, 1% pigment
Weatherfastness	
Masstone	5
Tint (1:10 TiO2)	1 - 2
Extrusion Pressure	3

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

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

PERFORMANCE CHARACTERISTICS

Market Standard	Trial	Masstone	Film Dispersion	Tint (1:10 TiO2)	Formulation Cost at Equal Colour Value
PY.191	1462F PY.62	clean green	comparable	92%	Approx. 34% savings
PY.180	1462F PY.62	moderately dark	comparable	68%	Approx. 64% savings

For more information on 1462F, please contact sales@pigments.com or request a free sample online.



See The Difference We Make

ISO 9001
ISO 14001

www.pigments.com
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.