



Pigments for Plastics

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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



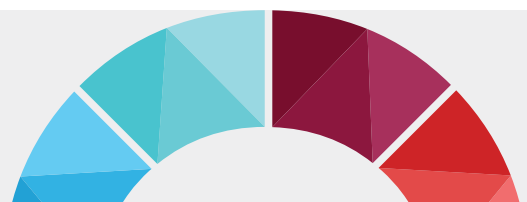
Applications

- 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

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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.



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