



The Shepherd Color Company
We Brighten Lives

Yellow 10P150

CI Pigment Yellow 227

Key Features

- Chromium and Lead Free Formula
- Excellent Opacity
- Aesthetically Pleasing Color
- Compatible with Most Plastics Systems
- High Total Solar Reflectance
- Excellent Chemical Resistance
- Excellent Weathering
- High Heat Stability

Example Uses

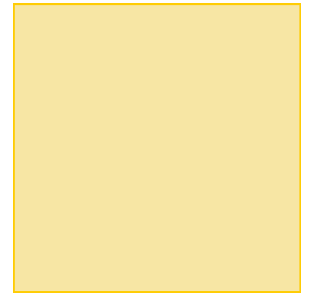
- Building & Construction
Extrusion siding, windows and doors
- Automotive
Interior and exterior parts
- Electronics
- PVC and Polyolefin
- Engineering Polymers

Regulatory Compliance

- Toy Safety EN71.3
- Council of Europe AP(89)1
- AS 2070-1999
- TCLP
- BfR
- CONEG
- ELV 2000/53/EC
- RoHS 2000/95/EC
- WEEE 2002/96/EC
- Packaging 94/62/EC



Masstone



Tint



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Technical Information

Yellow 10P150

CI Pigment Yellow 227

Niobium Tin Pyrochlore



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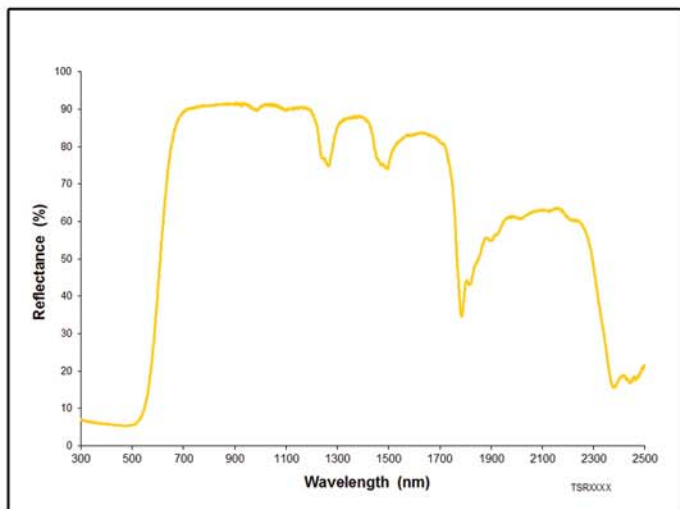
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IR Properties: **TSR: 73%**

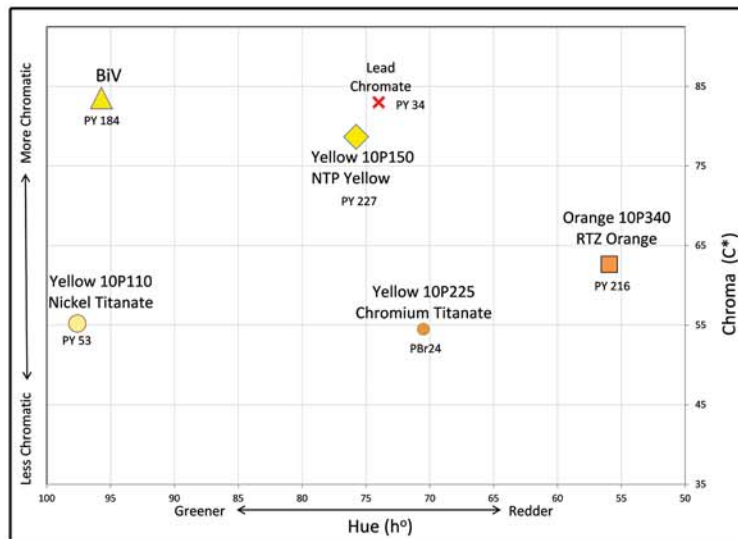
HBU: 21°C

(ASTM D4803-calculated)

Yellow 10P150 is part of the **ARCTIC®** range for plastics and can be used widely in color matches to minimize HBU (Heat Build-Up)



Color Space



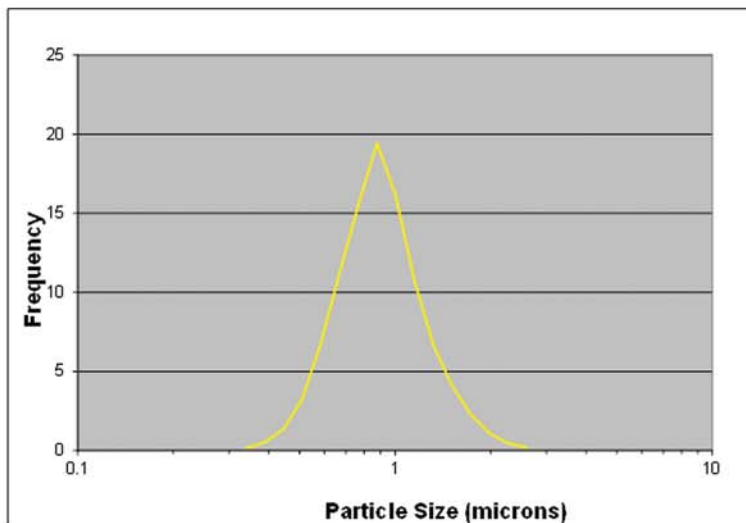
Masstone	L*	a*	b*
Orange 10P340	57.5	36.6	48.0
Yellow 10P150	78.7	18.6	75.4
4:1 Tint			
Orange 10P340	81.4	16.0	26.5
Yellow 10P150	88.4	4.2	47.0

Typical Physical Properties Yellow 10P150

	Typical Value
% Retain at 325 Mesh	0.01
% Moisture	0.1
Loose Packing Density (lbs/gal) (kg/L)	6.7 0.80
pH in Water	5.4
Conductivity (µS/cm)	14
BET Surface Area (m ² /g)	3.5
Oil Absorption (g/100g pigment)	11
Heat Stability	320°C 600°F
Particle Size (microns)	0.9

Particle Size

Average particle size: 0.9 Microns



Please check with your sales rep for availability in your area.