



The Shepherd Color Company
We Brighten Lives

Orange 10P340

CI Pigment Yellow 216

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, 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

Contact

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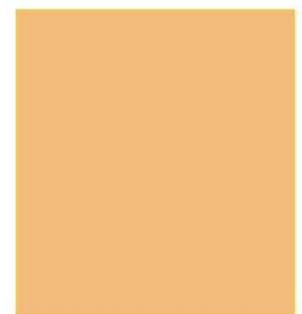
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Masstone



Tint



www.shepherdcolor.com

Technical Information

Orange 10P340

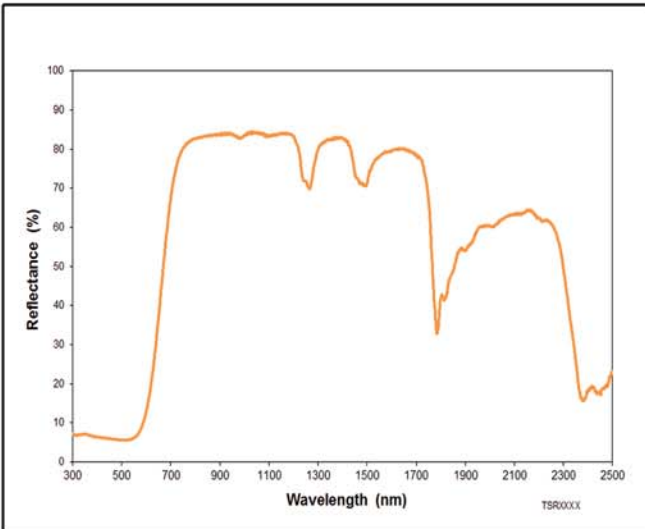
CI Pigment Yellow 216

Rutile Tin Zinc

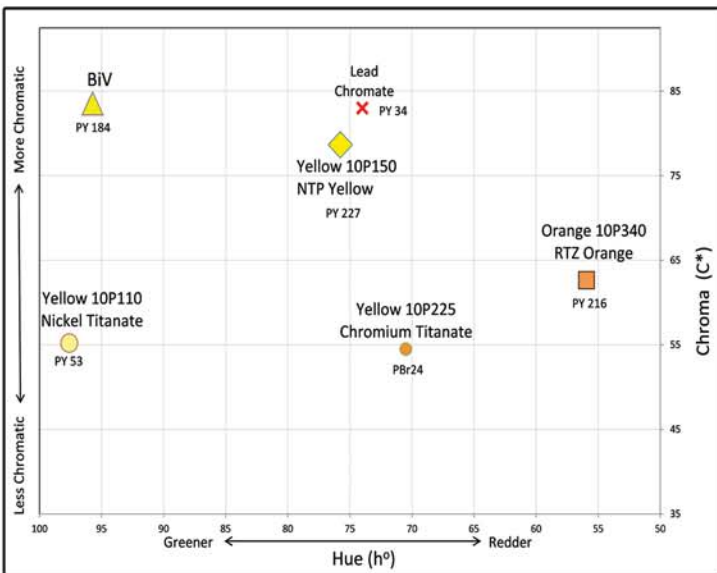


IR Properties: TSR: 62%
HBU: 23°C
 (ASTM D4803-calculated)

Orange 10P340 is part of the ARCTIC® range for plastics and can be used widely in color matches to minimize HBU (Heat Build-Up)



Color Space



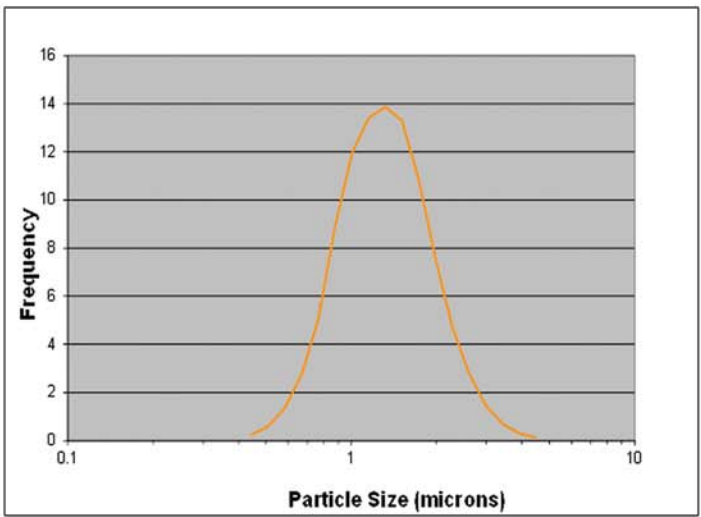
Typical Physical Properties Orange 10P340

	Typical Value
% Retain at 325 Mesh	0.02
% Moisture	0.6
Loose Packing Density (lbs/gal)	6.4
(kg/L)	0.80
pH in Water	8.5
Conductivity (µS/cm)	110
BET Surface Area (m ² /g)	7.3
Oil Absorption (g/100g pigment)	19
Heat Stability	320°C 600°F
Particle Size (microns)	1.3

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

Particle Size

Average particle size: 1.3 Microns



These values are typical values and are not construed to be specifications. All properties are dependent on formulation of complete product.

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