

# Yellow 10P248 CI Pigment Brown 24

## Key Features

- Lower material usage through higher tint strength
- High chroma pigments
- Tight particle size distributions
- Low heat build-up characteristics

## Example Uses

- **Building & Construction**  
Extrusion siding, windows and doors
- **Automotive**  
Interior and exterior parts
- **Electronics**
- **PVC, polyolefin, engineering polymers**

## Regulatory Compliance

- FDA 21CFR 170.39
- FDA 21CFR 178.3297
- CONEG
- RoHS
- WEEE
- ELV
- TCLP
- French Positive List
- Packaging 94/62 EC
- AP(89)1 (Europe)
- AS2070-1999 (Australia)
- BfR
- GB 9695-2008 China Food Contact

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# Technical Information

## Yellow 10P248

### CI Pigment Brown 24

Chromium Antimony Titanium Rutile



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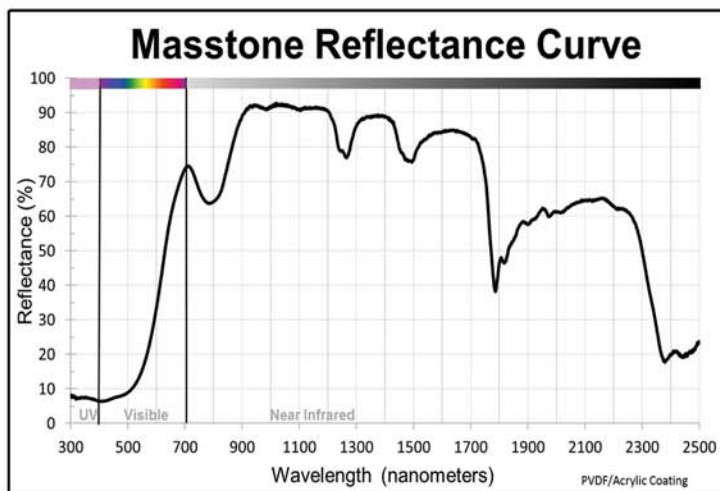
We Brighten Lives

### IR Properties:

HBU 21°C (ASTM 04803-calculated)

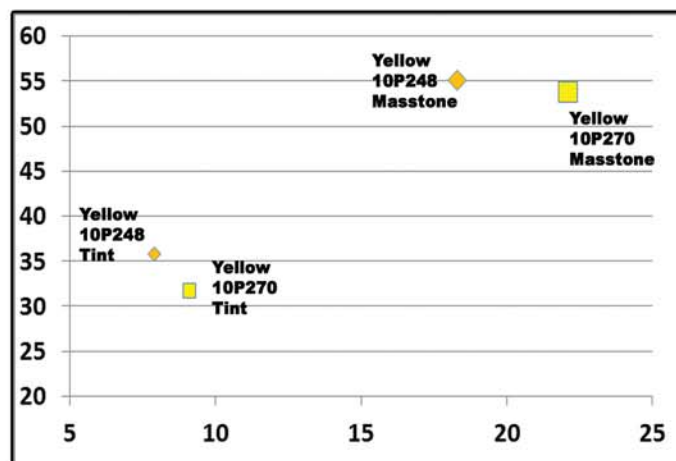
TSR: 65%

Yellow 10P248 is part of the ARCTIC® range for plastics and can be used widely in color matches to minimize HBU (Heat Build-Up.)



### Color Space

In PVC



PVC Masstone	L*	a*	b*	
YL10P248	71.1	18.3	55.1	
YL10P270	66	22.1	53.8	
PVC 4:1 Tint	L*	a*	b*	% STR
YL10P248	84.4	7.9	35.8	Control
YL10P270	84	9.1	31.7	80

### Typical Physical Properties

#### Yellow 10P248

	Typical Value
% Retain at 325 Mesh	0.01
% Moisture	0.2
Density (lbs/gal) (kg/L)	4.5 0.54
pH in Water	7.9
Conductivity (µS/cm)	43
BET Surface Area (m <sup>2</sup> /g)	4.9
Oil Absorption (g/100g pigment)	15
Heat Stability	>1500°F >800°C
Particle Size (microns)	0.9

### Particle Size

Mean particle size- 0.9 Microns

