

Black 10P950

CI Pigment Brown 29

Key Features

- Strong Red Shade IR Black
- ARCTIC® Pigment- High IR Reflectance
- Weathering Resistance
- Low Free Iron
- Wide Resin Compatibility
- Low Heat Build-Up (HBU)
- High Total Solar Reflectance (TSR)
- Protects Substrates from Heat-Induced Deformation

Applications

- PVC
- Polyolefin
- Engineering Polymers
- Speciality Polymers

Example Uses

- Building & Construction
 - Siding, Roofing, Doors, Windows & Extrusions
- Automotive
 - Interior and Exterior Parts

Regulatory Compliance

- AP(89)1
- AS 2070-1999
- BfR
- TCLP
- ELV 2000/53/EC
- RoHS 2000/95/EC
- WEEE 2002/96/EC
- EN 71.3

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The Shepherd Color Company
We Brighten Lives



Technical Information

Black 10P950

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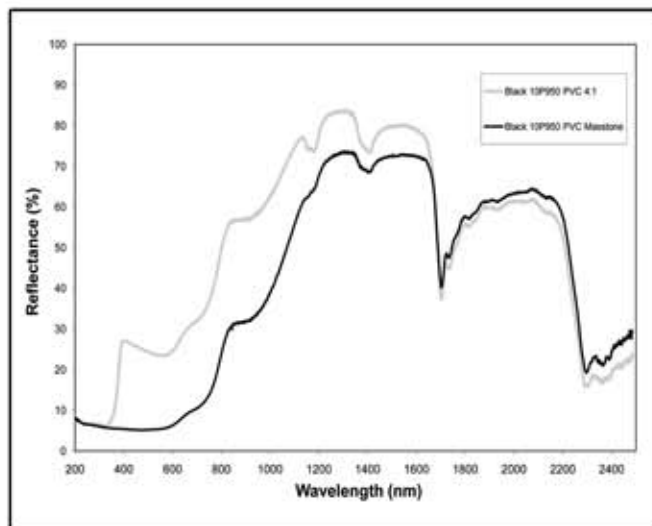


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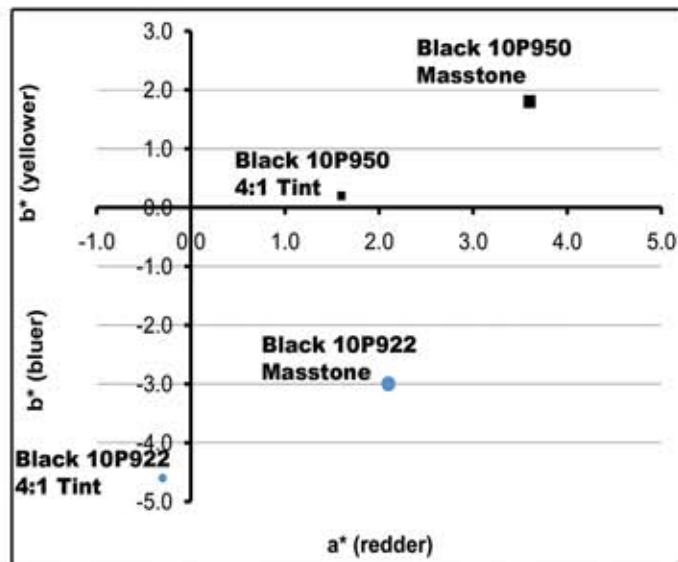
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IR Properties: TSR: 29% HBU: 29°C

Black 10P950 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



Typical Physical Properties Black 10P950

Typical Value

% Retain at 325 Mesh	0.01
% Moisture	0.1
Specific Gravity	5.1
pH in Water	8.0
Conductivity (µS/cm)	80
BET Surface Area (m ² /g)	4.7
Oil Absorption (g/100g pigment)	11
Heat Stability	>800°C >1,500°F
Particle Size (Microns)	0.9

Masstone	L*	a*	b*
Black 10P950	28.4	3.6	1.8
Black 10P922	27.6	1.6	0.2

4:1Tint	L*	a*	b*
Black 10P950	55.6	2.1	-3.0
Black 10P922	62.1	-0.3	-4.6

Particle Size Distribution Black 10P950

Mean Particle size: 0.9 Microns

