

FDA Blue 10F545

CI Pigment Blue 36



The Shepherd Color Company

We Brighten Lives

Key Features

- FDA indirect food contact approval
- Good opacity & hide
- High heat stability >800°C
- Excellent chemical resistance
- UV resistant/UV absorber

Applications

- Liquid and Powder Coatings – coil, powder, silicate, fluorinated
- High Heat Coatings
- Engineering Plastics
- Ceramics/Porcelain Enamels

Example Uses

- Cookware/food surface coatings
- BBQ Grills
- Consumer Plastics
- Oven Coatings
- Cooking Utensils
- Consumer electronics

Regulatory Compliance

- FDA Food Contact Notification (FCN) 000938
- Chinese Food Contact Regulation-GB9685-2008
- Council of Europe AP(89)1
- AS 2070-1999
- French Positive List
- TCLP
- CONEG
- ELV 2000/53/EC
- RoHS 2000/95/EC
- WEEE 2002/96/EC
- BfR

For Regulatory certifications inquire at:
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Technical Information

FDA Blue10F545

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Cobalt Chromite Blue-Green Spinel



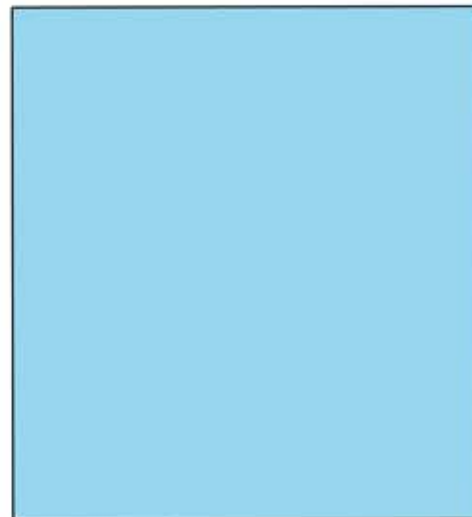
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Typical Color



Masstone



**4:1 Tint
TiO₂/Blue**

Physical Properties for FDA Blue 10F545

	Typical Value
% Retain at 325 Mesh	<0.05
% Moisture	0.2
Specific Gravity	4.7
pH in Water	8.6
Conductivity (μS/cm)	200
BET Surface Area (m ² /g)	5
Oil Absorbtion (g/100g pigment)	17
Heat Stability	>800°C >1,500°F
Particle Size (Microns)	1.2

Particle Size Distribution

Mean Particle Size: 1.2 Microns

