



AMAPLAST® BLUE HB



Regulatory Information:

CAS Registry Number: Proprietary
 TSCA (US): Registered
 nDSL (Canada): Registered
 IECSC (China): Registered on the confidential inventory
 REACH (EC): Low volume exemption (< 1MT/year)
 Purity Requirements: Heavy metals content and free primary amine content do not exceed the limits of CONEG, Toy Regulation EN 71/3, European Resolution AP(89)I, and German BfR Recommendation IX (purity of colorants for plastics).
 Halogen Content: Halogen free compound

Use:

Suitable Resins:
 ABS, Acrylic, Nylon, Glass-filled Nylon, PBT, PC, PET, PSU, Polyetherimide, and Polystyrene
Heat Stable:
 to 750°F/400°C for 5 minutes

FDA Status: FDA compliant for use in PET food packaging at loadings less than or equal to 32 ppm (Conditions of Use A-H)

Specifications:

Strength: 95% minimum Shade: ΔE (CIE Lab) = 2.5 maximum
 Moisture (LOD): 0.2% maximum Melting Point: >320°C

Heavy Metals Assay: (in ppm)

Antimony <0.06	Iron <9.90
Arsenic <0.05	Lead <0.80
Cadmium <0.05	Mercury <0.08
Chromium <6.00	Selenium <2.00
Copper <0.70	Zinc <7.00

Solubility Data:
 (in grams per 100g of solvent)

Acetone	<0.01
Ethanol	<0.01
Xylene	<0.01

Lightfastness (ISO 4892-2):

PS	Masstone:	7	(0.025% Dye)
	Tint:	5	(0.025% Dye + 1.0% TiO ₂)
PC	Masstone:	7-8	(0.025% Dye)