



AMAPLAST® Green B5 Solvent Green 3



Regulatory Information:

CAS Registry Number: 128-80-3
 TSCA (US): Registered
 EINECS No. (EC): Registered
 DSL (Canada): Registered
 ENCS (Japan): 5-3131
 ECL (Korea): KE-08549
 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

Food Contact Information:

FDA Status: FDA compliant for use in PET at loadings less than or equal to 0.10% (Conditions C-G)
 China Positive List: Compliant with GB9685-2016 at loadings less than or equal to 0.20% in ABS, AS, PA, PC, PET, PPE, and PS.
 French Positive: Listed

Use:

Suitable Resins:
 ABS, Acrylic, PBT, PC, PET, Polyetherimide, and Polystyrene
Heat Stable:
 to 675°F/360°C for 5 minutes

Specifications:

Strength: 97.5% minimum Shade: ΔE (CIE Lab) = 1.5 maximum
 Insolubles: 1.0% maximum Melting Point: 206-218°C

Heavy Metals Assay: (in ppm)

Antimony <2.00	Iron <25.0
Arsenic <2.00	Lead <0.50
Cadmium <0.10	Mercury <1.00
Chromium <3.00	Selenium <3.00
Copper <2.00	Zinc <50.0

Solubility Data:

(in grams per 100g of solvent)

Acetone	0.10
Ethanol	0.01
Xylene	1.80

Lightfastness (ISO 4892-2):

PS	Masstone:	7-8	(0.05% Dye)
	Tint:	7-8	(0.05% Dye + 1.0% TiO ₂)
PC	Masstone:	6	(0.05% Dye)