



AMAPLAST® Orange N



Regulatory Information:

CAS Registry Number: Proprietary
 TSCA (US): Registered
 EINECS No. (EC): Registered
 REACH: Low volume exemption (< 1MT/year)
 nDSL (Canada): Registered
 ECL (Korea): Registered
 ENCS (Japan): Registered
 IECS (China): Registered
 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), and German BfR Recommendation IX (purity of colorants for plastics).
 Halogen Content: Halogen free compound

FDA Status: FDA compliant for use in PET and PETG (<5% CHDM) at loadings less than or equal to 0.10% (Conditions C-G)

Use:

Suitable Resins:
 ABS, Acrylic, Nylon 6, PBT, PC, PET, Polyetherimide, and Polystyrene
Heat Stable:
 to 700°F/370°C for 5 minutes

Specifications:

Strength: 97.5% minimum Shade: ΔE (CIE Lab) = 2.5 maximum
 Insolubles: 0.5% maximum Melting Point: 229°C

Heavy Metals Assay: (in ppm)

Antimony <2.00	Iron <6.50
Arsenic <1.00	Lead <0.50
Cadmium <0.10	Mercury <0.05
Chromium <0.50	Selenium <2.00
Copper <0.70	Zinc <1.00

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

Acetone	0.40
Ethanol	0.08
Xylene	0.13

Lightfastness (ISO 4892-2):

PS	Masstone:	7-8	(0.05% Dye)
	Tint:	5-6	(0.05% Dye + 1.0% TiO ₂)
PC	Masstone:	5	(0.05% Dye)

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