



AMAPLAST[®] Orange YXL

Regulatory Information:

CAS Registry Number: Proprietary
TSCA (US): Registered
nDSL (Canada): Registered
IECSC (China): Registered on the confidential inventory
REACH (EC): Registered up to 10 MT/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

Specifications:

Strength: 95% minimum Shade: ΔE (CIE Lab) = 2.5 maximum
Moisture (LOD): 0.2% maximum Melting Point: >275°C

Heavy Metals Assay: (in ppm)

Antimony	<2.00	Iron	<15.0
Arsenic	<1.00	Lead	<0.40
Cadmium	<0.10	Mercury	<0.03
Chromium	<2.70	Selenium	<2.00
Copper	<0.70	Zinc	<2.00

Solubility Data:

(in grams per 100g of solvent)

Acetone	<0.01
Ethanol	<0.01
Xylene	<0.01

Lightfastness (ISO 4892-2):

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