



AMAPLAST[®] Yellow GHS

Solvent Yellow 163

Regulatory Information:

CAS Registry Number:	13676-91-0
TSCA (US):	Registered
EINECS No. (EC):	237-167-6
REACH:	Low volume exemption (< 1MT/year)
DSL (Canada):	Registered
IECSC (China):	Registered
ECL (Korea):	KE-03419
ENCS (Japan):	5-5040
NECI (Taiwan):	Listed
Purity Requirements:	Heavy metals content and free primary amine content do not exceed the limits of CONEG, Toy Regulation EN 71/3, 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 for conditions of use C-G. Independent testing is required to verify the maximum loadings and FDA compliance.
China Positive List:	Compliant with GB9685-2016 at loadings less than or equal to 0.10% in ABS and PC.
French Positive:	Listed

Use:

Suitable Resins:
ABS, Acrylic, PBT, PC, PET, PSU, Polyetherimide, and Polystyrene

Heat Stable:
to 750°F/400°C for 5 minutes

Specifications:

Strength:	97.5% minimum	Shade:	ΔE (CIE Lab) = 1.5 maximum
Insolubles:	0.10% maximum	Melting Point:	183-188°C

Heavy Metals Assay: (in ppm)

Antimony <2.00	Iron <8.00
Arsenic <1.00	Lead <0.50
Cadmium <0.10	Mercury <0.02
Chromium <1.30	Selenium <2.00
Copper <1.10	Zinc <2.00

Solubility Data:

(in grams per 100g of solvent)

Acetone	2.40
Ethanol	0.10
MEK	4.40
Xylene	6.20

Lightfastness (ISO 4892-2):

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