



COLORCHEM INTERNATIONAL CORP.

AMAPLAST[®] Yellow Y

Solvent Yellow 33



Regulatory Information:

CAS Registry Number: 8003-22-3
TSCA (US): Registered
EINECS No. (EC): 232-318-2
DSL (Canada): Registered
AICS (Australia): Registered
ECL (Korea): KE-08659
ENCS (Japan): 5-3048
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 and PMMA

Heat Stable:

to 600°F/315°C for 5 minutes

Specifications:

Strength: 97.5% minimum Shade: ΔE (CIE Lab) = 1.5 maximum
Insolubles: 0.50% maximum Melting Point: 239 - 244°C

Heavy Metals Assay: (in ppm)

Antimony <2.00	Iron <6.00
Arsenic <1.00	Lead <0.50
Cadmium <0.10	Mercury <0.04
Chromium <0.50	Selenium <2.00
Copper <0.60	Zinc <10.0

Solubility Data:

(in grams per 100g of solvent)

Acetone	0.29
Ethanol	0.08
MEK	0.34
Xylene	0.27

Lightfastness (ISO 4892-2):

PS	Masstone:	7	(0.05% Dye)
	Tint:	4	(0.05% Dye + 1.0% TiO ₂)
PC	Masstone:	6	(0.05% Dye)