



AMAPLAST[®] Orange LFP

Solvent Orange 60 (Solvent Process)



Regulatory Information:

CAS Registry Number: 6925-69-5
 TSCA (US): Registered
 EINECS No. (EC): 230-049-5
 DSL (Canada): Registered
 ENCS (Japan): 5-3076
 ECL (Korea): KE-28753
 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 0.20% (Conditions C-G)
 China Positive List: Compliant with GB9685-2016 at loadings less than or equal to 0.10% in PET
 French Positive: Listed

Use:

Suitable Resins:
 ABS, Acrylic, 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) = 1.5 maximum
 Insolubles: 0.5% maximum Melting Point: 227-230°C

Heavy Metals Assay: (in ppm)

Antimony <2.00	Iron <6.50
Arsenic <2.00	Lead <2.00
Cadmium <2.00	Mercury <2.00
Chromium <2.00	Selenium <2.00
Copper <0.47	Zinc <1.00

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

Acetone	0.10
Ethanol	0.015
Xylene	0.43

Lightfastness (ISO 4892-2):

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