



AMAPLAST® Red RP
Solvent Red 179 (Solvent Process)



Regulatory Information:

CAS Registry Number: 6829-22-7
 TSCA (US): Registered
 EINECS No. (EC): 229-904-5
 REACH (EC): Low volume exemption (< 1 MT/year)
 AICS (Australia): Registered
 DSL (Canada): Registered
 IECSC (China): Registered
 ECL (Korea): KE-02678
 ENCS (Japan): 5-5087
 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: Should be FDA compliant 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 0.20% in PET or at loadings less than or equal to 0.15% in PEI.

Use:

Suitable Resins:
 ABS, Acrylic, Nylon, Glass-filled Nylon, PBT, PC, PET, PSU, 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: 0.7% maximum Melting Point: 249-252°C

Heavy Metals Assay: (in ppm)

Antimony <2.00	Iron <10.0
Arsenic <1.00	Lead <2.00
Cadmium <2.00	Mercury <2.00
Chromium <2.00	Selenium <2.00
Copper <0.70	Zinc <3.00

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

Acetone	0.05
Ethanol	<0.01
MEK	0.20
Xylene	0.25

Lightfastness (ISO 4892-2):

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