



AMAPLAST[®] Red PC

Solvent Red 169



Regulatory Information:

CAS Registry Number: 27354-18-3
 TSCA (US): Registered
 EINECS (EC): Registered
 DSL (Canada): Registered
 ENCS (Japan): Registered
 IECSC (China): Registered
 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, PC, PET, Polyetherimide, and Polystyrene
Heat Stable:
 to 700°F/370°C for 5 minutes

Specifications:

Strength: 97.5% minimum Shade: ΔE (CIE Lab) = 2.5 maximum
 Insolubles: 1.0% maximum Melting Point: 186-189°C

Heavy Metals Assay: (in ppm)

Antimony <2.00	Iron <15.0
Arsenic <1.00	Lead <2.00
Cadmium <2.00	Mercury <2.00
Chromium <2.00	Selenium <2.00
Copper <1.00	Zinc <10.0

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

Acetone	0.96
Ethanol	0.17
MEK	1.08
Xylene	1.60

Lightfastness (ISO 4892-2):

PS	Masstone:	7	(0.05% Dye)
	Tint:	4	(0.05% Dye + 1.0% TiO ₂)
PC	Masstone:	7-8	(0.05% Dye)