

## COLORPLAST<sup>®</sup> Red LB

### Solvent Red 227



#### Regulatory Information:

CAS Registry Number:	Proprietary
TSCA (US):	Registered
REACH (EC):	Low volume exemption (< 1MT/year)
DSL (Canada):	Registered
IECSC (China):	Registered
ECL (Korea):	KE-28280
ENCS (Japan):	Listed
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:

<p><b><u>Suitable Resins:</u></b> ABS, Acrylic, PC, PET, and Polystyrene</p> <p><b><u>Heat Stable:</u></b> to 650°F/345°C for 5 minutes</p>
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#### Specifications:

Strength:	97.5% minimum	Shade:	ΔE (CIE Lab) = 3.5 maximum
Insolubles:	0.15% maximum	Melting Point:	136-144°C

<b><u>Heavy Metals Assay:</u></b> (in ppm)	
Antimony <4.00	Iron <75.0
Arsenic <2.00	Lead <2.00
Cadmium <2.00	Mercury <2.00
Chromium <2.00	Selenium <3.00
Copper <3.20	Zinc <4.00

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

Acetone	0.70
Ethanol	0.10
Xylene	2.00

**Lightfastness (ISO 4892-2):**

PS	Masstone:	7	(0.05% Dye)
	Tint:	4	(0.05% Dye + 1.0% TiO <sub>2</sub> )
PC	Masstone:	7	(0.05% Dye)