



# COLORPLAST® Orange 63HP

## Solvent Orange 63



\*Fluorescent

### Regulatory Information:

CAS Registry Number: 16294-75-0  
 TSCA (US): Registered  
 EINECS No. (EC): Registered  
 REACH: Low volume exemption (< 1MT/year)  
 AICS (Australia): Registered  
 DSL (Canada): Registered  
 IECSC (China): Registered  
 HENCS (Japan): 5-5044  
 ECL (Korea): KE-01832  
 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, Nylon, Glass-filled Nylon, PBT, PC, PET, PSU, and Polystyrene  
**Heat Stable:**  
 to 650°F/400°C for 5 minutes

### Specifications:

Strength: 95% minimum                      Shade: ΔE (CIE Lab) = 1.5 maximum  
 Insolubles: 0.3% maximum                      Melting Point: 320°C  
 (high purity grade)

**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 <1.00	Zinc <2.00

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

PS	Masstone:	6	(0.025% Dye)
	Tint:	3	(0.025% Dye + 1.0% TiO <sub>2</sub> )
PC	Masstone:	5	(0.025% Dye)