

# Technical Data Sheet

## Solvent Yellow 147



FINELAND CHEM  
泛成化工

### General Information

Color Index	Solvent Yellow 147(C.I.60645)
Product Code	CorSol®3147
CAS NO.	85391-36-2
EC No.	286-789-4
Chemical Class	Anthraquinone
Hue	Reddish yellow

### Physical Properties

Bulk Density (g/cm <sup>3</sup> )	0.28
Melting point (°C)	approx. 300
Moisture(%)	≤0.5
Ash(%)	≤0.3
Insolubility(%)	≤0.3
PH Value	6-8
Fe Content(ppm)	≤1000

### Fastness Properties

Heat Resistance (°C) in PS	300	Migration Resistance(1~5)	5
Light Resistance (Full Shade, 1-8)	7-8	Resistance to Acid(1~5)	5
Light (Reduced tinting, 1~8)	7	Resistance to Alkali(1~5)	5

\*Heat Resistance: the maximum temperature in °C at which a change of color (DE ≤ 3) occurs after a dwell time of 5 minutes in the barrel of an injection molding machine as per DIN EN 12877-1.

### Application & Performance

Recommended for Plastic (PS, SAN, PMMA, PC, PET, PA6, ABS and ABS/PC blends).

### Note

Fineland Chem offers innovative pigment technologies designed for long-lasting performance and consistent quality in industrial use. Product data is based on current knowledge and for reference only. Users should verify suitability; no liability is assumed for specific applications.

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