

Technical Data Sheet

Solvent Yellow 93



FINELAND CHEM
泛成化工

General Information

| | |
|----------------|--------------------------------|
| Color Index | Solvent Yellow 93 (C.I. 48160) |
| Product Code | SolCore®3193 |
| CAS NO. | 4702-90-3 |
| EC No. | 225-184-1 |
| Chemical Class | Methine |
| Hue | Greenish Yellow |

Physical Properties

| | |
|------------------------------|------------|
| Density (g/cm ³) | 1.33 |
| Melting point (°C) | approx.180 |
| 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) | 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), potential to use in PET.

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.

Date of issue: Sep., 1st 2024

TDS Version: 2.1

Hangzhou Fancheng Chemical Co., Ltd.

Add: NO.776, JianSheYi Road, XiaoShan, HangZhou, Zhejiang, China.

Tel: +86-571-83531793

Web: www.finelandchem.com

Fineland Chem Co., Ltd.

Add: Room 09 27/F, Ho King Commercial Centre, 2-16 Fa Yuen Street, Mongkok, K1, HK