

Technical Data Sheet

Solvent Yellow 33



FINELAND CHEM
泛成化工

General Information

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|----------------|--------------------------------|
| Color Index | Solvent Yellow 33 (C.I. 47000) |
| Product Code | CorSol®3133 |
| CAS NO. | 8003-22-3 |
| EC No. | 232-318-2 |
| Chemical Class | Quinoline |
| Hue | Bright Greenish Yellow |

Physical Properties

| | |
|-----------------------------------|------------|
| Bulk Density (g/cm ³) | - |
| Melting point (°C) | approx.240 |
| 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, ABS and ABS/PC blends), potential to use in PA6, 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