

# Technical Data Sheet

## Solvent Green 5



FINELAND CHEM  
泛成化工

### General Information

|                |                            |
|----------------|----------------------------|
| Color Index    | Solvent Green 5(C.I.59075) |
| Product Code   | CorSol®3705                |
| CAS NO.        | 2744-50-5                  |
| EC No.         | -                          |
| Chemical Class | Perylene                   |
| Hue            | Greenish Yellow            |

### Physical Properties

|                                   |       |
|-----------------------------------|-------|
| Bulk Density (g/cm <sup>3</sup> ) | -     |
| Melting point (°C)                | -     |
| 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   | Resistance to Acid(1~5)   | 5 |
| Light (Reduced tinting, 1~8)       | 6   | 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, ABS and ABS/PC blends).

### Note

\*Product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as guarantee. Users must establish the suitability of individual products. We do not accept any liability relating to the use of our products in particular applications.

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