

# Technical Data Sheet

## SPC PY81



FINELAND CHEM  
泛成化工

### General Information

|                  |                                                                               |
|------------------|-------------------------------------------------------------------------------|
| Color Index      | Pigment Yellow 81 (C.I. 21127)                                                |
| Product Code     | DuraPlast®SPC3181                                                             |
| CAS NO.          | 22094-93-5                                                                    |
| EC No.           | 224-776-0                                                                     |
| Chemical Formula | C <sub>36</sub> H <sub>32</sub> Cl <sub>4</sub> N <sub>6</sub> O <sub>4</sub> |

### Physical Properties

|                              |                 |
|------------------------------|-----------------|
| Pigment Concentration        | 50%             |
| Appearance                   | Granular flakes |
| Density (g/cm <sup>3</sup> ) | 1.40-1.55       |
| PH Value                     | 6.5-7.5         |
| Bulk Density (lb/gal)        | 11.0-12.5       |
| Total impurities(ppm)        | ≤600            |

### Fastness Properties

|                                    |     |                           |   |
|------------------------------------|-----|---------------------------|---|
| Heat Resistance (°C)               | 240 | Alkali Resistance (1-5)   | 5 |
| Light Resistance (Full Shade, 1-8) | 8   | Migration Resistance(1-5) | 5 |
| Light (Reduced tinting, 1-8)       | 7   | Ethyl Acetate (1-5)       | 4 |
| Weather Resistance (1-5)           | 5   | Ethanol (1-5)             | 5 |
| Acid Resistance (1-5)              | 5   | MEK (1-5)                 | 4 |

### Application & Performance

Recommended for Plastic(PO, PVC, EVA),potential use in PS.

### 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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