

# Technical Data Sheet

## Pigment Yellow 12



FINELAND CHEM  
泛成化工

### General Information

|                  |                                                                               |
|------------------|-------------------------------------------------------------------------------|
| Color Index      | Pigment Yellow 12 (C.I. 21090)                                                |
| Product Code     | DuraPrint®S6152-OPQ                                                           |
| CAS NO.          | 6358-85-6                                                                     |
| EC No.           | 228-787-8                                                                     |
| Chemical Formula | C <sub>32</sub> H <sub>26</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>4</sub> |

### Physical Properties

|                                          |         |
|------------------------------------------|---------|
| Density (g/cm <sup>3</sup> )             | 1.5-1.7 |
| Specific Surface Area(m <sup>2</sup> /g) | 21-63   |
| Oil Absorption (g/100g)                  | 30-35   |
| PH Value                                 | 6-8     |
| Moisture Content (%)                     | ≤2.0    |
| Total impurities(ppm)                    | ≤600    |

### Fastness Properties

|                                    |     |                           |   |
|------------------------------------|-----|---------------------------|---|
| Heat Resistance (°C)               | 160 | Alkali Resistance (1-5)   | 4 |
| Light Resistance (Full Shade, 1-8) | 3   | Migration Resistance(1-5) | 3 |
| Light (Reduced tinting, 1-8)       | 2-3 | Ethanol (1-5)             | 4 |
| Weather Resistance (1-5)           | 3   | Ethyl Acetate (1-5)       | 3 |
| Acid Resistance (1-5)              | 4   | MEK (1-5)                 | 2 |

### Application & Performance

Recommended for solvent-based ink, good opacity.

### 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. 1<sup>st</sup>, 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.