

# Technical Data Sheet

## Pigment Yellow 83



FINELAND CHEM  
泛成化工

### General Information

Color Index	Pigment Yellow 83 (C.I. 21108)
Product Code	DuraPlast®HR02
CAS NO.	5567-15-7
EC No.	226-939-8
Chemical Formula	C <sub>36</sub> H <sub>32</sub> Cl <sub>4</sub> N <sub>6</sub> O <sub>8</sub>

### Physical Properties

Density (g/cm <sup>3</sup> )	1.27-1.50
Specific Surface Area(m <sup>2</sup> /g)	49
Oil Absorption (g/100g)	39-45
PH Value	6-7.5
Bulk Density (lb/gal)	10.1-12.5
Total impurities(ppm)	≤600

### Fastness Properties

Heat Resistance (°C)	220	Alkali Resistance (1-5)	5
Light Resistance (Full Shade, 1-8)	6-7	Migration Resistance(1-5)	5
Light (Reduced tinting, 1-8)	6	Ethyl Acetate (1-5)	4
Weather Resistance (1-5)	4	Ethanol (1-5)	4
Acid Resistance (1-5)	5	MEK (1-5)	4

### Application & Performance

Recommended for Plastic (PO, PVC, EVA).

### 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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