

Technical Data Sheet

Pigment Yellow 12



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Yellow 12 (C.I. 21090)
Product Code	DuraPlast®3176R
CAS NO.	6358-85-6
EC No.	228-787-8
Chemical Formula	C ₃₂ H ₂₆ Cl ₂ N ₆ O ₄

Physical Properties

Density (g/cm ³)	1.35-1.55
Specific Surface Area(m ² /g)	33-63
Oil Absorption (g/100g)	40-50
PH Value	6-8
Moisture Content (%)	≤2.5
Total impurities(ppm)	≤600

Fastness Properties

Heat Resistance (°C)	180	Alkali Resistance (1-5)	4
Light Resistance (Full Shade, 1-8)	3-4	Migration Resistance(1-5)	2
Light (Reduced tinting, 1-8)	3	Ethyl Acetate (1-5)	3
Weather Resistance (1-5)	3	Ethanol (1-5)	4
Acid Resistance (1-5)	4	MEK (1-5)	2

Application & Performance

Recommended for Plastic(PVC,PE,PP,Rubber),Printing ink and Paint.Its a universal grade.

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