

Technical Data Sheet

Pigment Yellow 147



General Information

Color Index	Pigment Yellow 147 (C.I. 60645)
Product Code	DuraPlast®3147
CAS NO.	4118-16-5
EC No.	223-912-2
Chemical Formula	C ₃₇ H ₂₁ N ₅ O ₄

Physical Properties

Density (g/cm ³)	1.45
Specific Surface Area(m ² /g)	125
Oil Absorption (g/100g)	35-45
PH Value	6.0-8.0
Moisture Content (%)	≤1.5
Total impurities(ppm)	≤600

Fastness Properties

Heat Resistance (°C)	300	Alkali Resistance (1-5)	5
Light Resistance (Full Shade, 1-8)	8	Bleeding Resistance(1-5)	5
Light (Reduced tinting, 1-8)	7	Ethyl Acetate (1-5)	5
Weather Resistance (1-5)	5	Ethanol (1-5)	5
Acid Resistance (1-5)	5	MEK (1-5)	4-5

Application & Performance

Recommended for Engineering Plastic, including PET, PC, PMMA, PS, Hips, ABS, SAN, PES fibers. Its a bright yellow with high transparent.

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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