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TECHNICAL DATA SHEET

Pigment Yellow 147

1. Product Name

Trade Name: Pigment Yellow 147 AGR

C. I.: Pigment Yellow 147

C.I. No.: 60645

CAS No.: 4118-16-5

EINECS No.: 223-912-2

Chemical Formula: $C_{37}H_{21}N_5O_4$

Molecular weight: 599.63

2. Physical, Chemical and Fastness Properties

Appearance: Yellow Powder

Shade: Similar to Standard

Tinting Strength (%): 100±5

Bulk density (g /cm^3): 0.35~0.55

Melting point (℃): ＞300

Ash(%): ≤1.0

Moisture(%): ≤0.5

Color Differential Value ΔE: ≤1.0

Resin	Heat Fastness (5min，℃)	Light Fastness (8=excellent)	Migration Resistance	Acid resistance	Alkali resistance
PC	320	7	4~5	5	5
PET	300	7	4~5		

3. Application

Suggested for polyester fiber, Most suitable for PET and PC.

4. Packing

In 20 kgs carton.