

TECHNICAL DATA SHEET

Date: July 3, 2023

FLUORESCENT PIGMENT KT GRADE

New and Improved Formula



1. General Description

The DT grade offers intense, brilliant colors and excellent dispersion properties. DT-grade pigments can withstand temperatures up to 280°C, and certain colors up to 300°C.

2. Composition

Polyester and dyes. The colors contain no formaldehyde, heavy metals, or other hazardous substances. SGS Test Report: RN23-07460.001 dated July 18, 2023 Cosmetics and Personal Care Products

Reference:	KT-FDR-01 WHITE
INCI	Polyester-3 – Pigment White 7
CAS No.	68258.82.2 - 1328.53.6
Lot	#230406

3. Key Characteristics:

Maximum operating temperature	190–280°C
Decomposition temperature	300°C*
Density	1.20 g/cm ³
Softening point	130°C
Average particle size	1–5 µm max
Oil absorption capacity	56 g/100 g

**The maximum temperature is for reference only and should not be maintained for long periods*

3. Applications

Paints. Cosmetics. High-temperature thermoforming and plastic injection molding

4. Available colors

KT-FDR-01 White		
KT-FDR-27 Pink	KT-FDR-21 Magenta	KT-FDR-20 Purple
KT-FDR-33 Scarlet Red	KT-FDR-13 Red	KT-FDR-15 Orange
KT-FDR-17 Yellow	KT-FDR-18 Green	KT-FDR-19 Blue

5. Packaging:

1-kg bags / 25-kg bags