

Technical Data Sheet

(for coatings & inks)

Pigment Yellow 151 TCY15101



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General Information

Color index:	C.I. Pigment Yellow 151 (C.I.13980)
Product code:	TCY15101
CAS No.:	31837-42-0
EC No.:	250-830-4
TSCA inventory:	Listed
Molecular formula:	C ₁₈ H ₁₅ N ₅ O ₅
Chemical class:	Benzimidazolone
Recommended application:	Coatings, Printing Inks, etc.

Physical & Properties

Appearance:	Yellow powder
Specific gravity (water=1):	1.50~1.70
Specific surface (m ² /g):	10~30
Bulk volume (l/kg):	4.0~4.5
Average particle size (nm):	200~300
Oil absorption (g/100g):	30~60

Fastness Data (1~5 Scale Except Light Fastness Where 1~8 Scale)

Light (Full shade)*:	8
Light (Reduced tinting)*:	7~8
Ethanol:	4~5
Ethyl acetate:	5
MEK:	5
Toluene:	5
White spirit:	5
DBP:	5
Paraffine:	5
Butter:	5
Soap:	5
Alkali:	3
Acid:	5
Heat stability (Full shade, 10min)*:	200°C

Note

The above information is provided as guidelines only. It is important that the customer evaluate any product in their own resin system to determine suitability.

* When our products are recommended to be used in coatings and inks at the same time, these data come from coatings system.

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Page 1 of 1

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