

Technical Data Sheet

PANAX Yellow 3R

Revision: March 2024

PRODUCT DESCRIPTION

Color Index	Pigment Yellow 83
C.I. No.	21108
Chemical Type	Disazo
CAS No.	5567-15-7
EU No.	226-939-8

PHYSICAL PROPERTIES

pH (2% aqueous)	6 ~ 8	ISO 787-9
Specific gravity	1.4g/cm ³	ISO 787-10
Bulk Density	550cm ³ /100g	ISO 787-11
Oil absorption	42g/100g	ISO 787-5

FASTNESS PROPERTIES

Acid	5	DIN EN ISO 20105-A03
Alkali	5	DIN EN ISO 20105-A03
Water	5	ISO 2836
Ethanol	5	ISO 2836
Xylene	4	ISO 2836
MEK	4	ISO 2836
DOP	5	ISO 2836
Heat/150°C, 10min.	5	ISO 787-21
Heat/200°C, 10min.	5	ISO 787-21
Light 1/3 SD	7	ISO 105-B01
Light 1/25 SD	6	ISO 105-B01

FULL SHADE

TINT SHADE



APPLICATION

Oil Ink	
Solvent Base Ink	●
Water Base Ink	
Paint (Oil Base)	●
Thermoplastic Hot-Melt	
Plastics	●
Textile Printing	
Artist Colors	

● = Recommended ○ = Potentially recommended

CHARACTERISTICS

Transparency	
Color Shade	
Others	

STANDARD PACKING

Paper bags	10kg
Big bags type C	On request

Product end-use application information is based on our current knowledge. It is presented without any representation or warranty concerning the suitability, performance, or correctness of the product for a particular application or end-use.

Significant variations can occur between lab test results and results obtained in actual end-use. We strongly advise customers to test the product in the specific intended applications under conditions expected during use.

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