



TECHNICAL DATA SHEET

GENERAL INFORMATION

Product Name	:	Diarylide Yellow 83
Product code	:	TCY08303N
Color Index Name	:	C.I. Pigment Yellow 83 (C.I.21108)
CAS No.	:	5567-15-7
Molecular Formula	:	C ₃₆ H ₃₂ Cl ₄ N ₆ O ₈
Chemical Class	:	DIALYLIDE YELLOW
Recommended Application	:	NC inks, etc.

PHYSICAL PROPERTIES

Appearance	:	Yellow powder
Specific gravity (water=1)	:	1.30~1.50
Specific surface (m ² /g)	:	40~70
Bulk volume (l/kg)	:	3.0~3.5
Average particle size (nm)	:	30~120
Oil absorption (g/100g)	:	30~60

FASTNESS DATA(1~5 Scale except Light Fastness where 1~8 Scale)

Light (Full shade)	:	6~7
Light (Reduced tinting)	:	6
Ethanol	:	4~5
Ethyl acetate	:	4~5
MEK	:	4~5
Toluene	:	4~5
White spirit	:	4~5
DBP	:	4~5
Paraffine	:	4~5
Butter	:	4~5
Soap	:	5
Alkali	:	5
Acid	:	5
Heat stability (10min)	:	200°C

CONTACT

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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.