



TECHNICAL DATA SHEET

GENERAL INFORMATION

Product Name	:	Diarylide Yellow 83
Product code	:	TCY08301
Color Index Name	:	C.I. Pigment Yellow 83 (C.I.21108)
CAS No.	:	5567-15-7
Molecular Formula:	:	$C_{36}H_{32}Cl_4N_6O_8$
Chemical Class	:	DIALYLIDE YELLOW
Recommended Application	:	Printing inks, paint, etc.

PHYSICAL PROPERTIES

Appearance	:	Yellow powder
Specific gravity (water=1)	:	1.35~1.55
Specific surface (m ² /g)	:	30~50
Bulk volume (l/kg)	:	2.8~3.3
Average particle size (nm)	:	40~100
Oil absorption (g/100g)	:	30~60

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

Light (Full shade)	:	5~6
Light (Reduced tinting)	:	5
Ethanol	:	4~5
Ethyl acetate	:	4
MEK	:	4
Toluene	:	4
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.