

## TECHNICAL DATA SHEET

### GENERAL INFORMATION:

Color Index	C.I. Pigment Yellow 12 (C.I.21090)
Product code	CR.Y12DHG
CAS No.	6358-85-6
EINECS No.	228-787-8
Molecular Formula	C <sub>32</sub> H <sub>26</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>4</sub>
Chemical Class	DIARYLIDE
Recommended Application	Water based ink.

### PHYSICAL PROPERTIES:

Appearance	Yellow powder
Specific gravity (water=1)	1.30~1.50
Specific surface (m <sup>2</sup> /g)	30~60
Bulk volume (l/kg)	3.4~3.8
Average particle size (nm)	50~150
Oil absorption (g/100g)	40~60

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

Light (Full shade)	3
Light (Reduced tinting)	2
Ethanol	4
Ethyl acetate	3~4
MEK	4
Toluene	3~4
White spirit	4
DBP	4
Paraffine	4
Butter	3~4
Soap	4
Alkali	4
Acid	4~5
Heat stability (10min)	140°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.