

TECHNICAL DATA SHEET

GENERAL INFORMATION:

Color Index	C.I. Pigment Yellow 1 (C.I.11680)
Product code	CR.Y1G
CAS No.	2512-29-0
EINECS No.	219-730-8
Molecular Formula	C ₁₇ H ₁₆ N ₄ O ₄
Chemical Class	MONOAZO
Recommended Application	Water based Ink, Water based Paint, etc

PHYSICAL PROPERTIES:

Appearance	Yellow powder
Specific gravity (water=1)	1.25~1.45
Specific surface (m ² /g)	20~45
Bulk volume (l/kg)	4.0~4.5
Average particle size (nm)	100~200
Oil absorption (g/100g)	30~50

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

Light (Full shade)	5~6
Light (Reduced tinting)	4
Ethanol	4
Ethyl acetate	3
MEK	3
Toluene	2~3
White spirit	4
DBP	4
Paraffine	4
Butter	3~4
Soap	4~5
Alkali	4~5
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.