



TECHNICAL DATA SHEET

GENERAL INFORMATION

Color Index	C.I. Pigment Orange 5 (C.I.12075)
Product code	CR.O5A
CAS No.	3468-63-1
EINECS No.	222-429-4
Molecular Formula	C ₁₆ H ₁₀ N ₄ O ₅
Chemical Class	NAPHTHOL
Recommended Application	Printing ink, paint, etc.

PHYSICAL PROPERTIES

Appearance	Orange powder
Specific gravity (water=1)	1.60~1.80
Specific surface (m ² /g)	8~20
Bulk volume (l/kg)	2.8~3.2
Average particle size (nm)	250~350
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	3~4
MEK	3
Toluene	3
White spirit	4~5
DBP	4
Paraffine	3~4
Butter	3
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.