

DCC YELLOW 1104

Hansa Yellow G



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

Chemical Type ----- Butanamide, 2-[(4-methyl-2-nitrophenyl)azo]-3-oxo-N-phenyl
Colour Index Name ----- Pigment Yellow 1
CAS No. ----- 2512-29-0
Physical Form ----- Powder

SPECIFICATIONS:

	<u>LIMITS</u>	<u>TEST METHODS</u>
Masstone Shade -----	Max. Delta E* 2.0 of Std. -	DCC TM 0001 (1)
Tint Strength (apparent) --	+ 5% of Std. -----	DCC TM 0001 (1)

GENERAL DATA (TYPICAL VALUES):

Specific Gravity ----- 1.37 g/cc ----- DCC TM 3101B (1)
Oil Absorption ----- 47 ----- ASTM D-281-84 (Fasig Method)
Moisture ----- <2.0% ----- ASTM D-280-81

(1) Test Methods available from DCC on request.

PROPERTIES:

BLEED RESISTANCE

Ethyl Acetate --- Poor
Ethyl Alcohol --- Fair
Butyl Alcohol --- Poor
Cellosolve ----- Poor
D.B.P. ----- Poor
Glycol ----- Good
Lard ----- Fair
Linseed Oil ----- Good
MEK ----- Poor
Mineral Spirits - Good
Water (cold) ---- Excellent
Wax (Paraffin) -- Good
Xylene ----- Poor

CHEMICAL RESISTANCE

Dilute Acid ----- Excellent
Dilute Alkali ----- Excellent
Detergent ----- Good
Soap ----- Good

HEAT RESISTANCE

120°C/45 minutes -- Fair*

LITHOGRAPHIC PERFORMANCE

Aqueous ----- Very Good
Alcoholic ----- Excellent

LIGHTFASTNESS - INK (72 hr. F/O)

Full Strength --- N/A
TiO₂ Tint (1:10)- N/A

WEATHERFASTNESS - PAINT (W/O or Florida)

Full Strength ----- Good
TiO₂ Tint (1:10) -- Fair

F/O = Fade-o-meter

W/O = Weather-o-meter

SPECIAL COMMENTS:

*Exhibits blooming or bronzing - NOT recommended for baking systems.

Shade & strength determinations are made with the aid of a MacBeth Colour Computer, under the following conditions: CIELAB, 10 degree observer, D65 light source, UV & gloss included.

TECHNICAL SERVICE LAB

APPROVAL: _____

QUALITY CONTROL LAB

APPROVAL: _____

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