

DCC YELLOW 1121

Hansa Yellow GS



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

Chemical Type ----- Butanamide, 2-[(4-chloro-2-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxo
Colour Index Name ----- Pigment Yellow 73
CAS No. ----- 13515-40-7
Physical Form ----- Powder

SPECIFICATIONS:

	<u>LIMITS</u>	<u>TEST METHODS</u>
Masstone Shade -----	Max. Delta E* 2.0 of Std. -	DCC TM 1103 (1)
Tint Strength (apparent) --	+ 5% of Std. -----	DCC TM 1203 (1)

GENERAL DATA (TYPICAL VALUES):

Specific Gravity ----- 1.52 g/cc ----- DCC TM 3101B (1)
Oil Absorption ----- 42 ----- 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 --- Fair
Cellosolve ----- Poor
D.B.P. ----- Poor
Glycol ----- Good
Lard ----- Excellent
Linseed Oil ----- Good
MEK ----- Poor
Mineral Spirits - Fair
Water (cold) --- Excellent
Wax (Paraffin) -- Very Good
Xylene ----- Poor

CHEMICAL RESISTANCE

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

HEAT RESISTANCE

120°C/45 minutes -- Good*

LITHOGRAPHIC PERFORMANCE

Aqueous ----- N/A
Alcoholic ----- N/A

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: Designed for interior architectural (Trade Sales) tinting systems.

* 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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