

DCC YELLOW 1105

Hansa Yellow



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

Chemical Type ----- Butanamide, 2-[(4-chloro-2-nitrophenyl)azo]-
N-(2-chlorophenyl)-3-oxo-
Colour Index Name ----- Pigment Yellow 3
CAS No. ----- 6486-23-3
Physical Form ----- Yellow Powder

SPECIFICATIONS:

LIMITS

TEST METHODS

Masstone Shade -----	Max. Delta E* 2.0 of Std.-----	DCC TM 1224 (1)
Tint Strength (apparent) --	+ 5% of Std. -----	DCC TM 1224 (1)

GENERAL DATA (TYPICAL VALUES):

Specific Gravity ----- 1.60 g/cc ----- DCC TM 3101B (1)
Oil Absorption ----- 32 ----- ASTM D-281-84 (Fasig Method)
Moisture ----- <2.0% ----- ASTM D-280-81 Method A

(1) Test Methods available from DCC on request.

PROPERTIES:

BLEED RESISTANCE

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

HEAT RESISTANCE

120°C/30 mins. - Ink ----- Poor
120°C/45 mins. - Paint --- Poor
150°C/20 mins. - Paint --- Poor
165°C/15 mins. - Paint --- Poor

LIGHTFASTNESS - INK (72 hr. F/O)

Masstone ----- Excellent
TiO₂ Tint (1:10) ----- Good

WEATHERFASTNESS - PAINT (500 hr. W/O)

Masstone ----- Good
TiO₂ Tint (1:10) ----- Fair

CHEMICAL RESISTANCE

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

SPECIAL COMMENTS:

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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