

DCC YELLOW 1120

Hansa Yellow



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

Chemical Type ----- Butanamide, 2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxo-
Colour Index Name ----- Pigment Yellow 74
CAS No. ----- 6358-31-2
Physical Form ----- Yellow 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 ----- 1.20 g/cc ----- DCC TM 3101B (1)
Oil Absorption ----- 27.0 ----- 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 ----- Very Good
Cellosolve ----- Good
D.B.P. ----- Fair
Glycol ----- Very Good
Linseed Oil ----- Good
MEK ----- Good
Mineral Spirits ----- Very Good
Xylene - TM 3201 ----- Fair
Wax (Paraffin) ----- Very Good
Water (cold) ----- Excellent

HEAT RESISTANCE

120°C/30 mins. - Ink ----- Very Good*
120°C/45 mins. - Paint --- Very Good*

CHEMICAL RESISTANCE

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

LIGHTFASTNESS - INK (72 hr. F/O)

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

WEATHERFASTNESS - PAINT (W/O or Florida)

Full Strength ----- Good F/O = Fade-o-meter
TiO₂ Tint (1:10) ----- Fair W/O = Weather-o-meter

SPECIAL COMMENTS: * May exhibit 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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