

DCC YELLOW 7074

High Performance Hansa



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 ----- 1.37 g/cc ----- DCC TM 3101B (1)
Oil Absorption ----- 31 ----- ASTM D-281-84 (Fasig Method)
Moisture ----- 2.0 max. ----- 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. ----- Very Good
Glycol ----- Very Good
Linseed Oil ----- Good
MEK ----- Good
Mineral Spirits ----- Very Good
Xylene ----- Good
Wax (Paraffin) ----- Excellent
Water (cold) ----- Excellent

HEAT RESISTANCE

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

CHEMICAL RESISTANCE

Dilute Acid ----- Very Good
Dilute Alkali ----- Very Good
Soap ----- 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 ----- Very Good
TiO₂ Tint (1:10)----- Good

F/O = Fade-o-meter

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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