

DCC YELLOW 1117

Hansa Yellow R.S.



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

Chemical Type ----- Butanamide, 2-[(4-methoxy-2-nitrophenyl)azo]-
N-(2-methoxyphenyl)-3-oxo-
Colour Index Name ----- Pigment Yellow 65
CAS No. ----- 6528-34-3
Physical Form ----- Yellow Powder

<u>SPECIFICATIONS:</u>	<u>LIMITS</u>	<u>TEST METHODS</u>
Shade -----	Max. Delta E* 2.0 of Std.-----	DCC TM 1136 (1)
Tint Strength (apparent) --	+ 5% of Std. -----	DCC TM 1136 (1)

GENERAL DATA (TYPICAL VALUES):

Specific Gravity ----- 1.41 g/cc ----- DCC TM 3101B (1)
Oil Absorption ----- 42 ----- 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 ----- Poor
Ethyl Alcohol ----- Good
Cellosolve ----- Poor
D.B.P. ----- Poor
Glycol ----- Good
Linseed Oil ----- Good
MEK ----- Poor
Mineral Spirits ----- Good
Xylene ----- Poor
Wax (Paraffin) ----- Excellent
Water (cold) ----- Excellent

HEAT RESISTANCE

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

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)----- Good

F/O = Fade-o-meter
W/O = Weather-o-meter

CHEMICAL RESISTANCE

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

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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