

DCC YELLOW 1112

Yellow TY



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

Chemical Type ----- Butanamide, 2-[(4-chloro-2-nitrophenyl)azo]-N-(4-ethoxyphenyl)-3 oxo
 Colour Index Name ----- Pigment Yellow 75
 CAS No. ----- 52320-66-8
 Physical Form ----- Yellow powder

<u>SPECIFICATIONS:</u>	<u>LIMITS</u>	<u>TEST METHODS</u>
Masstone 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 ----- 1.42 g/cc ----- DCC TM 3101B (1)
 Oil Absorption ----- 33 ----- ASTM D-281-84 (Fasig Method)
 Moisture ----- <2.0% ----- ASTM D-280-81

(1) Test Methods available from DCC on request.

PROPERTIES:

BLEED RESISTANCE

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

CHEMICAL RESISTANCE

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

HEAT RESISTANCE

120°C/45 minutes -- Poor
 150°C/20 minutes -- Poor
 165°C/15 minutes -- Poor

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

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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