DCC YELLOW 1105
Hansa Yellow

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

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<th>SPECIFICATIONS:</th>
<th>LIMITS</th>
<th>TEST METHODS</th>
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<td>Masstone Shade ---------------</td>
<td>Max. Delta E* 2.0 of Std.-----</td>
<td>DCC TM 1224 (1)</td>
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<tr>
<td>Tint Strength (apparent) ----</td>
<td>+ 5% of Std. ------------------</td>
<td>DCC TM 1224 (1)</td>
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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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