DCC YELLOW 1120
Hansa Yellow

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:

<table>
<thead>
<tr>
<th></th>
<th>LIMITS</th>
<th>TEST METHODS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Masstone Shade</td>
<td>Max. Delta E* 2.0 of Std.</td>
<td>DCC TM 1103 (1)</td>
</tr>
<tr>
<td>Tint Strength (apparent)</td>
<td>± 5% of Std.</td>
<td>DCC TM 1203 (1)</td>
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</tbody>
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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
TiO2 Tint (1:10) --------- Fair

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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The information provided is based on extensive use and laboratory testing and is believed to be a reliable indication of the results that may be expected. The data is offered only as a guide to performance, without guarantee or warranty of any kind. Since many variables have a strong influence on pigment performance the user is encouraged to evaluate each product in his own laboratory.