

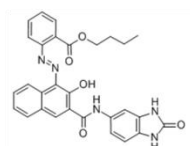
## Benzimidazolone Orange HL

**Color Type** Benzimidazolone

**Color Index No.** P.O. 36

**CAS NO.** 12236-62-3

**Structure:**



### Description :

- High performance orange pigment.
- Recommended for color plastic, the color shade is kind of reddish orange. It has excellent weather resistance and light resistance. The light fastness can reach 7-8 degree when used in the PVC. And using for the high heat resistance HDPE, no more size change. Its also could be used for ABS, PS, etc. High end coating applications like automotive paint, packaging ink printing and metal decorative ink also suitable.

### Physical Properties :

| Items                                       | Data      |
|---|-----------|
| Density (g/cm <sup>3</sup> )                | 1.5-1.7   |
| Specific Surface Area ( m <sup>2</sup> /g ) | 26        |
| Oil Absorption (g/100g)                     | 60-90     |
| PH Value                                    | 5-8       |
| Bulk Density (lb/gal)                       | 12.7-13.3 |

| Fastness Properties                  | Data |
|--------------------------------------|------|
| Heat Resistance ( °C )               | 160  |
| Light Resistance ( Full Shade, 1~8 ) | 8    |
| Weather Resistance (1~5)             | 5    |
| Acid Resistance (1~5)                | 5    |
| Alkali Resistance (1~5)              | 5    |

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### Applications :

|        |                |   |
|--------|----------------|---|
| Inks   | Offset Ink     | ◎ |
|        | Gravure Ink    | ● |
|        | UV Ink         | ● |
|        | Solvent borne  | ● |
|        | Water borne    | ◎ |
| Paints | Automotive OEM | ● |
|        | Car Refinish   | ● |
|        | Industrial     | ● |
|        | Decorative     | ● |
|        | Powder Coating | ◎ |

Remark: ●High Recommendation;

◎Recommendation; - Limit Suitability

### Storage conditions :

Should be sealed for avoiding light and moisture.

### Package :

10KG/Kraft Bag

\*Product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as guarantee. Users must establish the suitability of individual products. We do not accept any liability relating to the use of our products in particular applications.