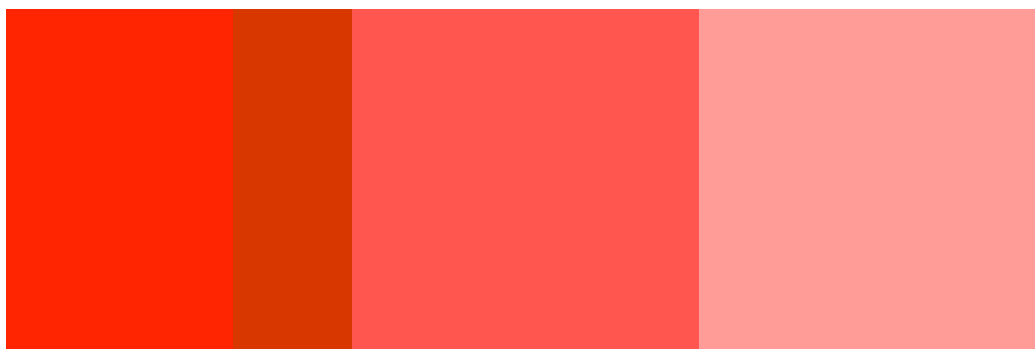


# Irgazin® DPP Orange RA

DPP orange with good durability and very high saturation; recommended for automotive and high-grade industrial paints, especially for lead-free shades

**chemical type** diketo-pyrrolo-pyrrole

**Colour Index** Pigment Orange 73 | 561170



full shade  
alkyd/melamine system

1/3 standard depth of shade  
alkyd/melamine system

1/25 standard depth of shade  
alkyd/melamine system

**resistance to weathering**

**acrylic/melamine system**

1/25 standard depth of shade 3  
1/3 standard depth of shade 3  
50:50 mica 4  
50:50 Irgacolor® Yellow 2GL 4  
full shade 4–5

**alkyd/melamine system**

1/25 standard depth of shade 4–5  
1/3 standard depth of shade 4–5  
50:50 mica 5  
50:50 Irgacolor® Yellow 2GL 5  
full shade 5

**fastness to light**

**alkyd/melamine system**

1/25 standard depth of shade 8  
1/3 standard depth of shade 8  
50:50 mica 8  
50:50 Irgacolor® Yellow 2GL 8  
full shade 8

**suitability for industries**

|                   |                           |             |               |             |                   |
|-------------------|---------------------------|-------------|---------------|-------------|-------------------|
| <b>automotive</b> | <b>general industrial</b> | <b>coil</b> | <b>powder</b> | <b>wood</b> | <b>decorative</b> |
| ●                 | ●                         | ○           | ○             | ○           | ⊙                 |

**suitability for applications**

|                        |                    |                           |                     |                      |                   |
|------------------------|--------------------|---------------------------|---------------------|----------------------|-------------------|
| <b>baking finishes</b> | <b>water-based</b> | <b>acrylic/isocyanate</b> | <b>acid-curable</b> | <b>amine-curable</b> | <b>air-drying</b> |
| ●                      | ●                  | ●                         | ●                   | ●                    | ●                 |

**explanation of symbols** ● suitable      ⊙ potentially suitable      ○ not suitable

**physical data**

|                      |                              |      |
|----------------------|------------------------------|------|
| pH                   | density [g/cm <sup>3</sup> ] | 1.30 |
| conductivity [μS/cm] | bulk volume [l/kg]           | 4.4  |

|                                         |     |                        |     |
|-----------------------------------------|-----|------------------------|-----|
| specific surface [m <sup>2</sup> /g]    | 23  | dry content [%]        |     |
| oil absorption [g/100 g]                | 51  | pigmentation level [%] |     |
| viscosity (6-mm DIN cup) [s]            |     |                        |     |
| <b>thermal resistance</b>               |     |                        |     |
| 150 °C (302 °F), 30 min.                |     | 5                      |     |
| 200 °C (392 °F), 10 min.                |     | 5                      |     |
| <b>fastness to overcoating</b>          |     |                        |     |
| cellulose nitrate paint                 |     | 5                      |     |
| baking finish, 130 °C (266 °F), 30 min. |     | 5                      |     |
| <b>resistance to solvents</b>           |     |                        |     |
| butyl acetate                           | 2–3 | water                  | 5   |
| ethanol                                 | 3   | white spirit           | 5   |
| methylethyl ketone                      | 2–3 | xylene                 | 4–5 |
| methoxy-1,2-propanol                    |     |                        |     |

Please contact your BASF sales representative for more information on the test methods applied.

The proximity of the demonstrated shades to the original hues depends on the settings and calibration of the equipment used (monitor, printer).

#### Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

It cannot be ruled out that this product contains particles < 0.1 µm.

If document contains an electron microscopy photograph: Pigment particles form the particle size distribution shown in the electron microscopy photograph above only after intensive dispersion by high shear stresses. In the supplied bulk material, the high adhesive forces between the tiny primary pigment particles cause them to form much larger agglomerates and aggregates which determine the flow and dust properties.

#### Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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