

TECHNICAL DATA SHEET

ICS POS COLORANTS

- ICS POS colouring system
- Water-based colorants
- Wide range of colours
- Precise colouring

Kolor: Black 007-08, Black 011-50, Blue 151-15, Blue 153-40, Green 007-20, Orange 005-50, Orange 036-40, Red 101-50, Red 112-40, Red 122-04, Red 254-50, Violet 023-02, White 006-70, Yellow 042-50, Yellow 074-50, Yellow 184-70

Capacity: 1 liter

ICS POS COLORING SYSTEM offers high-performance colorants in the form of aqueous pigment dispersion, containing dispersing and wetting agents and viscosity regulators. They ensure easy and precise dosing, the highest quality and high colour strength. In addition, colorants are safe for humans and the environment, as they do not contain resins, ethylene glycol, heavy metals or volatile organic compounds. The product guarantees repeatable and economical solutions, and each colorant is subjected to detailed quality control, which ensures colour accuracy and repeatability. With unlimited colour creation possibilities, the ICS POS SYSTEM allows you to meet the individual needs of the customer, allowing you to compose a virtually unlimited number of your own shades. The colour mixtures are optimal in terms of quality and guarantee a favourable price. The ICS POS SYSTEM includes 16 dedicated colorants that are designed for dispensing systems, both automatic and manual. Colourants are used in the production of coloured paints, plasters and varnishes, both for colouring dedicated bases and ready-made paints available on the market.

INCHEM provides professional service for colour formulation based on white or transparent customer bases and ICS POS COLORANTS. Thanks to our experience and well-equipped laboratory, we guarantee optimal recipes. We carry out projects both in terms of technical parameters and the number of ordered colorants, quickly and flexibly.

HOW TO USE:

- › Before use, the ICS POS COLORANT should be mixed thoroughly. Possible delamination is not a defect of the product.
- › A test should be performed on a small amount of the coloured product in order to check the mutual tolerance and determine the appropriate proportion.
- › Dose the required amount of colorant to the coloured product, mixing thoroughly manually or mechanically until a uniform colour is obtained.
- › A maximum addition of 10% ICS colorant per total weight of the coloured product is recommended.

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SPECIFICATIONS:

| COLORANT ICS POS | | | | | | | | | | |
|--------------------|---------------|--------------|-----------|-----------|---------------------|----------------|---------------|-----------|-----------------------------------|-----------|
| No | Color Name | Colour Index | Full tone | Reduction | Pigment content [%] | Density [g/ml] | Lightfastness | | Resistance to external conditions | |
| | | | | | | | Full tone | Reduction | Full tone | Reduction |
| Organic pigments | | | | | | | | | | |
| 1 | Yellow 074-50 | Yellow 74 | | | 50 | 1,20 | 7-8 | 6-7 | 4-5 | 3 |
| 2 | Orange 036-40 | Orange 36 | | | 40 | 1,15 | 8 | 7-8 | 5 | 4 |
| 3 | Orange 005-50 | Orange 5 | | | 50 | 1,20 | 6-7 | 5 | 3 | 2 |
| 4 | Red 254-50 | Red 254 | | | 50 | 1,20 | 8 | 8 | 4-5 | 4 |
| 5 | Red 112-40 | Red 112 | | | 40 | 1,15 | 7-8 | 6 | 4-5 | 2-3 |
| 6 | Red 122-04 | Red 122 | | | 4 | 1,05 | 7-8 | 7 | 4-5 | 4 |
| 7 | Violet 023-02 | Violet 23 | | | 2 | 1,05 | 8 | 7-8 | 4-5 | 4 |
| 8 | Blue 151-15 | Blue 15:1 | | | 15 | 1,10 | 8 | 8 | 5 | 5 |
| 9 | Blue 153-40 | Blue15:3 | | | 40 | 1,15 | 8 | 8 | 5 | 5 |
| 10 | Green 007-20 | Green 7 | | | 20 | 1,10 | 8 | 8 | 5 | 5 |
| 11 | Black 007-08 | Black 7 | | | 8 | 1,05 | 8 | 8 | 5 | 5 |
| Inorganic pigments | | | | | | | | | | |
| 12 | Yellow 184-70 | Yellow 184 | | | 70 | 2,35 | 8 | 8 | 5 | 5 |
| 13 | Yellow 042-50 | Yellow 42 | | | 50 | 1,65 | 8 | 8 | 5 | 5 |
| 14 | Red 101-50 | Red 101 | | | 50 | 1,75 | 8 | 8 | 5 | 5 |
| 15 | Black 011-50 | Black 11 | | | 50 | 1,65 | 8 | 8 | 5 | 5 |
| 16 | White 006-70 | White 6 | | | 70 | 2,20 | 8 | 8 | 5 | 5 |

Pigment content: The pigment content expressed in weight % is given as an average value [±3%]

Density: Density expressed in g/mL is given as the mean value [±3%]

Full Tone: 5% by weight ICS POS additive for transparent emulsion paint

Split: 5% by weight ICS POS additive for white emulsion paint

Lightfastness: 8-step scale (Xenotest). Information based on data from the pigment manufacturer

Resistance to external conditions: 5-point scale, during 12 months in Central European conditions. Information based on data from the pigment manufacturer

ADDITIONAL INFORMATION:

- › It is recommended to carry out a trial on a smaller amount of the coloured product due to the diversity of technologies and raw materials used in production.
- › The colours presented on the sample book are illustrative, the colours obtained may vary depending on the type and quality of the coloured product.
- › Absorbency, type and structure of the substrate, ambient conditions and lighting can all affect the final colour. It is recommended to take these factors into account when choosing a colour.
- › Wash the tools with water and detergent immediately after colouring.

SHELF LIFE:

- › 36 months from the date of production. Once opened, use within 6 months.

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TRANSPORT AND STORAGE:

› Store and transport in airtight, original packaging at a temperature of +5°C to +40°C. Protect from frost.

COMMENTS:

- › Keep out of reach of children.
- › If swallowed, consult a doctor.
- › It contains 1,2-benzisothiazol-3(2H)-one. May cause an allergic reaction.
- › Detailed safety information is provided on the product packaging and in the Safety Data Sheet.

The data contained in the technical data sheet is based on laboratory tests and practical experience and is communicated to the best of our knowledge in order to ensure optimal use of the product. These data are not the basis for the legal liability of the Manufacturer, as he has no influence and control over the conditions of use of the product. The manufacturer reserves the right to change the information contained in the card without prior notice to the Customer.