

Technical Data Sheet

Dokumental® LM 24xx Paint Marker Inks

Pigmented Paint Marker Inks for valve action markers

General Information

Our paint marker ink series Dokumental® LM 24xx show high gloss and high opacity. There are 12 intense and brilliant colors available. The inks are formulated to be in accordance with toy safety standard EN 71-3.

Suitable Surfaces

For all kind of smooth surfaces (e. g. plastic, metal, glass, etc.)

Physical Data

Type	Colour	Viscosity at 20°C mPa s ± 2.0
Dokumental® LM 2401	blue	22.0
Dokumental® LM 2402	light blue	20.0
Dokumental® LM 2410	black	16.0
Dokumental® LM 2420	red	22.0
Dokumental® LM 2430	green	21.0
Dokumental® LM 2431	light green	20.0
Dokumental® LM 2440	violet	20.0
Dokumental® LM 2450	brown	22.0
Dokumental® LM 2463	orange	22.0
Dokumental® LM 2465	yellow	22.0
Dokumental® LM 2470	pink	21.0
Dokumental® LM 2475	magenta	21.0

Technical Advice

Suitable Components

Use valve action markers only!

Corrosion safe ball (SS or glass) inside the barrel grants a good distribution of the pigments by shaking the marker before use.

Nibs: polyester and acrylic with high porosity.

Barrels, Caps, Plugs: polypropylene, pure aluminum

It is mandatory to approve the compatibility of the ink and the components as well as the performance of the writing system.

Storage, Handling & Transportation

Stir well before use and stir ink during ink injection in order to avoid pigment sedimentation during filling process.

Before use of our product the filling station has to be maintained and cleaned carefully. The inks are sensitive to any kind of contamination. Cross-contamination of the inks may lead to a colour mismatch or will even lead to a defective marker or shorter shelf life.

Store our product frost protected and avoid direct sunlight. The recommended storage temperature is between 10°C and 30°C. Storage temperatures of above 30°C for several days bear the risk of a reduced shelf life of the ink.

Drums should be closed tightly during storage.

The shelf-life of the inks is 1 year in original sealed containers.

Horizontal storage of the markers is recommended in order to get the maximum shelf life.

CAUTION: the inks are classified as flammable liquids!

For detailed safety information refer to the respective Material Safety Data Sheets.

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Applicable Standards & Regulations

Unless expressly agreed, no warranty is given that all standards & regulations relevant to the Customer's intended use have been and will be complied with. To the extent that compliance with certain standards & regulations is warranted, this warranty shall only apply at the time the underlying contract is entered into. There is no guarantee that the products will continue to comply with the standards & regulations in the event of future changes. Dokumental also assumes no obligation to inform the Customer of any changes to such standards & regulations that may be relevant to the Customer.

Packaging

standard packaging: 25kg steel drum

Produced by

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