

Technical Data Sheet

Dokumental® LM 23xx Paint Marker Inks

Pigmented Paint Marker Inks for valve action markers

General Information

The paint marker inks of Dokumental® LM 23xx series have a maximum of covering power and colour intensity. They are available in metallic and standard colours.

Suitable Surfaces

For all kind of smooth surfaces

Applicable Standards & Regulations on request

Physical Data

Type	Colour	Viscosity at 20°C mPa s ± 2.0
Dokumental® LM 2301.1	blue	35.0
Dokumental® LM 2302.1	light blue	15.0
Dokumental® LM 2311.1	black	13.0
Dokumental® LM 2312.1	grey	13.0
Dokumental® LM 2322.1	red	35.0
Dokumental® LM 2330.1	green	25.0
Dokumental® LM 2331.1	light green	18.0
Dokumental® LM 2341.1	violet	18.0
Dokumental® LM 2351.1	brown	21.0
Dokumental® LM 2363	orange	23.0
Dokumental® LM 2365	yellow	21.0
Dokumental® LM 2371	pink	21.0
Dokumental® LM 2382	silver	10.0
Dokumental® LM 2383	gold	10.0
Dokumental® LM 2384	copper	10.0
Dokumental® LM 2390	glossy white	22.0
Dokumental® LM 2395	white (matte)	15.0

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.

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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.

Packaging

standard packaging: 25kg steel drum

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Colour Chart:



Dokumental®
LM 2301.1
blue



Dokumental®
LM 2302.1
light blue



Dokumental®
LM 2311.1
black



Dokumental®
LM 2312.1
grey



Dokumental®
LM 2322.1
red



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LM 2330.1
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LM 2341.1
violet



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LM 2351.1
brown



Dokumental®
LM 2363
orange



Dokumental®
LM 2365
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Dokumental®
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Dokumental®
LM 2382
silver



Dokumental®
LM 2383
gold



Dokumental®
LM 2384
copper

Dokumental®
LM 2390
glossy white

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LM 2395
white (matte)