

## The #1 Ink for Film Insert Molding (FIM)



The best is barely good enough for FIM/IMD applications:  
Innovative raw materials, brilliant colour shades, and excellent adhesion values make Mara<sup>®</sup> Mold MPX your #1 choice for creating exclusive designs with high moldability.

Mara<sup>®</sup> Mold MPX was designed for film insert molding applications on polycarbonate (PC) films and offers a wide processing window between printing and finishing.

### Applications

FIM/IMD components made of polycarbonate (PC) or PC/ABS\* blends, for use in the following areas:

- Automotive Interior
- Paneling for fully automatic coffee machines
- White and brown goods (household and electronic appliances)
- Medical devices

| Mara <sup>®</sup> Mold MPX               |     |
|--|-----|
| Ink System                               | 2 C |
| Silicone free / Solvent-based            | ✓   |
| High transmission density (Black)        | ✓   |
| Compatible with Inmold Electronics (IME) | ✓   |
| Silver and Basic Shades                  | ✓   |

For further information please refer to the Technical Data Sheet on [www.marabu-inks.com](http://www.marabu-inks.com)

\* 15 % ABS (ABS = Acrylonitrile butadiene styrene)

### Your Benefits:

#### Excellent adhesion properties

- Very good bonding between film/ink/resin
- High peel values

#### Very good formability

- Ink film can be adjusted in flexibility by adding more or less hardener
- Ink film allows small bending radii

#### Non-conductive Black for IME (Inmold Electronics)

- Black shades with high resistance values
- Fully compatible with conductive inks

#### High washout resistance

- Enables direct injection during the FIM process

#### No additional layer of adhesion promoter ("tie coat") necessary

- Saving of at least one printed layer
- Minimisation of layer thickness and costs!

### In the event of any queries, please contact:

Technical Hotline

Phone: +49 7141 691140, [technical.hotline@marabu.de](mailto:technical.hotline@marabu.de)