

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[®] Mold MPX your #1 choice for creating exclusive designs with high moldability.

Mara[®] 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 [®] 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

* 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 shade 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

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