



The GA inks (low odour) are used for the packaging of flavour sensitive filling and are an absorbing system. Absorbing components are potential migrating components. Therefore, it has to be provided that the packaging structure (e.g. barrier) meets the legal requirements (1935/2004 EC) regarding migration.

The migration harmless inks BoFood MH of Epple consisting of food based raw materials and Pearltec dispersion varnishes DGLM are SQTS certified as ink/varnish system.

Should something really migrate, it is just foodstuffs or food additives.

The Epple BoFood MH / Pearltec DGLM ink – varnish system:

Our ideal solution which meets both legal requirements and printability needs of the food packaging market: That is the **Pearltec varnish / Epple BoFood MH colour system**

Unique features and advantages of BoFood MH:*

- Printing ink dissolvent are foodstuffs or at least food additives
→ *unique feature*
- BoFood inks are setting and have therefore a lower risk of invisible set-off
- Setting guarantees faster and safer print processing and finishing processes
- BoFood inks are at the same time migration harmless and have low migration
→ *unique feature*
- BoFood oils are natural
→ *unique feature*
- Potential migrants are degraded by the organism due to their natural structure such as natural fat and oil
→ *unique feature*



* refers to all fluid components in BoFood MH inks



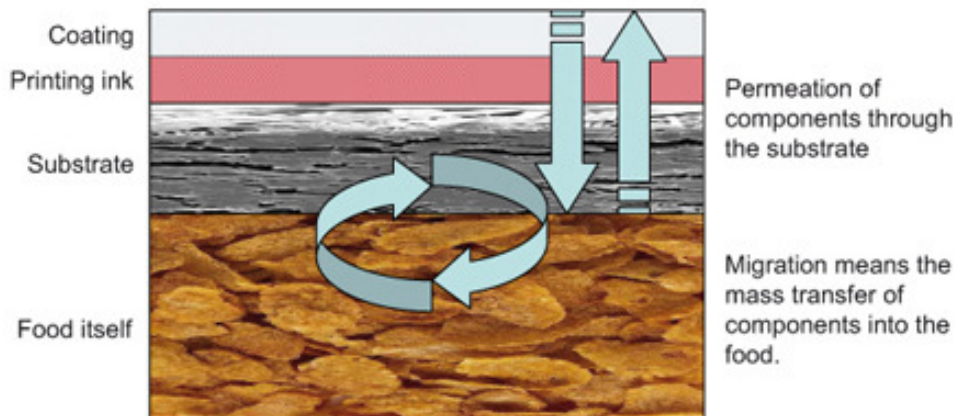
Definitions

In requirements, guidelines and recommendations the terms swelling, odour and migration are mentioned. These will be explained below.

The exact definition of swelling and odour formation can be found under inks for cigarette packaging. The inks we use for food packaging are in principle low in **swelling**, **migration** and **odour**.

Concerning **migration** there are in general two different kinds to distinguish:

Permeation of components through the substrate



Invisible set-off:

Contamination of the inner side of the substrate with ink and/or coating caused by contact with the printed side.

