

# ornamin|odf

GmbH & Co. KG



IN-MOULD LABEL  
FOR THERMOPLASTIC  
AND THERMOSET  
PLASTIC ARTICLES

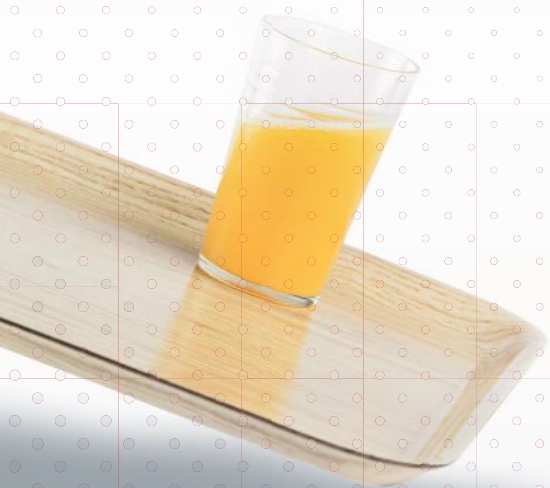
**COMPETENT  
INDIVIDUALLY  
PERSONALLY  
YOUR GLOBAL PARTNER**

[WWW.ORNAMIN.DE](http://WWW.ORNAMIN.DE)

## NON SKID SURFACES

Are mainly used for gastronomy or catering trays, as well as for trays used in private households. The trays (different kinds of plastic possible) may be decorated with In-mould labels. Our non skid coating can be applied on almost every different type of surface, such as paper, plastic foils, etc. As a plus, we can print almost any desired pattern before the non skid coating process, which brings a touch of individuality to your finished product.

Our customers highly appreciate the long lifetime and durability of this special coating, for it also offers protection from scratches and damages.



## PRODUCTS FOR SPECIAL EVENTS AND GASTRONOMY

These types of products are usually made of high-quality plastics and are, of course, also decorated with high-quality labels. The durability of the product depends on its use. What's also important nowadays is the hygienic aspect which, of course, is strictly respected.





## HOUSEWARES

Are made of many different materials, especially dinnerware for children or camping, which is often made of melamine. High-quality and transparent measuring jugs, on the other side, are usually made of styryl-acrylonitrile-copolymer (SAN). This plastic is particularly light-transmissive. Whereas lunchboxes are usually made of polypropylene (PP).

## FOR KIDS

Toys, especially, require high durability's. Apart from the resistance to high physical stresses, toys usually need to have brilliant colours or special effects, such as „glow in the dark“. Thanks to our widespread portfolio, there are almost no design limits.





## TECHNICAL PARTS

Are often utilized in the outside where they are faced with special requirements such as high light fastness, metal or alu-brush effects, or a high scratch resistance. All this can be successfully achieved with our In-mould labels.



## WHY IS INDIVIDUALITY DECISIVE FOR US?

We thoroughly adapt the plastic labels to the individual products of our customers because it is absolutely essential that the foil material is identical to that of the future carrier product. We always take into account the future type of use for the finished product as this has a high impact on the choice of material. All this, together with the corresponding colour and/or varnish system ensures the best possible decoration labels for our customers. For this reason, we ask for as many information as we can get to supply labels which are as individual as our customers are.



PLEASE  
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## OUR CUSTOMERS

Customers use our In-mould labels worldwide in many different branches of the industry. We supply labels for the automotive sector, for houseware and advertising materials, for beverage, airline or pharmaceutical industry, and also for packaging used in the trading and consumer sector. All over the world our customers highly appreciate our innovative and developing capacity, our service, as well as our own high standard of first class quality.

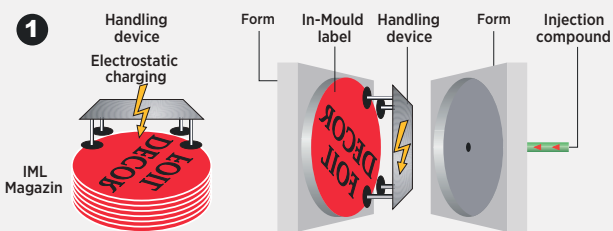
## THE PROCEDURE

The application of printed and processed plastic labels is a widely-used method of decorating long life products. We decide between the injection moulding for thermoplastic products (IML\*) and the moulding technique for thermosets applications (SMC/BMC\*).

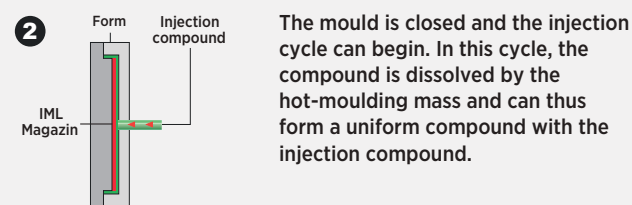
\* IML = In-mould labelling

\* SMC/BMC = sheet moulding compound / bulk moulding compound

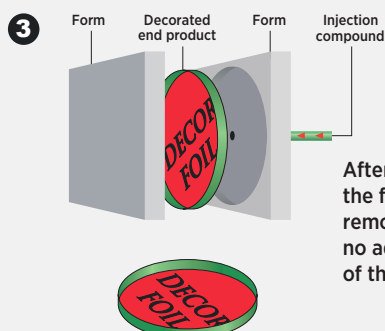
### Processing of thermoplastic film (IML)



The label is removed by a handling device from the store, electrostatically charged and inserted into the injection moulding machine tool. The electrostatic charge ensures that the foil keeps the desired position in the mould during the injection moulding process.

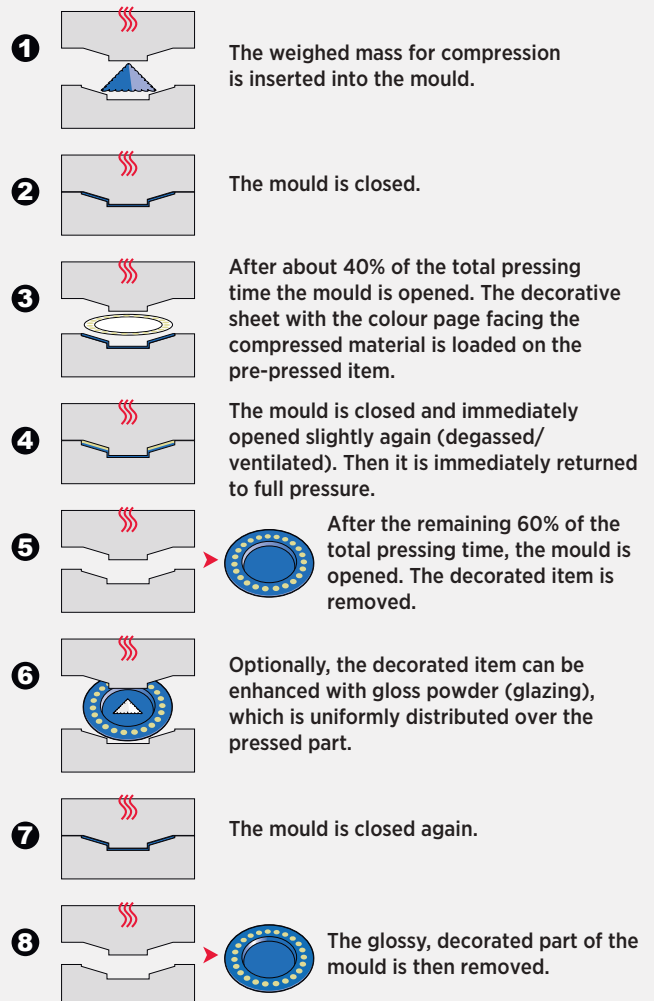


The mould is closed and the injection cycle can begin. In this cycle, the compound is dissolved by the hot-moulding mass and can thus form a uniform compound with the injection compound.



After the injection process, the finished decorated part is removed from the mould. So no additional post-processing of the item is necessary.

### Processing of thermoset films (SMC/BMC)





## OUR COMPANY

Ornamin GmbH & Co. KG has been successfully producing In-mould labels for the plastics processing industry for more than 6 decades now. We develop and print decoration labels for long life products which, under harshest conditions, are in permanent use.

With a staff of 35 members, we achieve to deliver the most extraordinary and customized labels – always on schedule. Apart from our ultra-modern printing, processing, and coating machinery, we also have digital printing machines for sampling orders or small-batch productions.

### ORNAMIN GMBH & CO. KG

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