In-Mould labeling (IML)

The quality of IML products

The reproduction of all image elements on the label must comply with the approved
sample: original-layout and color proof.
The deviation of the label color (including design elements) of the color proof should be no more
than 5Δe.
Slight folds are allowed on the label, provided that they cannot be seen at arm's length.
Wrinkles on the barcode field, text, important design elements (logo) are not allowed.
IML products are prone to slight warpage without compromising product appearance.

Quality Criteria for IML Labeled Products

Allowed:
1) The overlap at the junction of the label is up to 2 mm.
2) Grading (excess material emerges on the surface of the label, the presence of a part of the label is characteristic
inside the product) up to 0.5% of the batch.
3) Changes in label color or label burnout in the sprue area up to 0.5 cm.
4) Allowed horizontal gap (distance at the junction of the label) up to 3 mm.
5) Vertical offset of the label relative to the bottom of the product up to 2 mm.

Not allowed:
1) Lack of label.
2) Double label.
3) Displacement of the label on the lids with an overhang of the lid shoulder by more than 1 mm
3) Changes in label color or label burnout in the sprue area more than 0.5 cm.
4) The horizontal gap (distance at the junction of the label) is more than 3 mm.
5) The vertical offset of the label relative to the bottom of the product is more than 2 mm.

Recommendations to the customer

Consider in advance the location of the main design elements relative to the control element of
the bucket / container according to the provided scan or product drawing.
It is recommended to avoid horizontal lines (elements) at the point of contact of the labels in the
layout.
Test blocks along the label contour should be spaced 3 mm from the edge of the line.
It is also recommended to avoid textual information in the gating area.
Other recommendations for adapting designs for printing, die-cutting and subsequent labeling
can be given when considering specific option