

ErgisMark[®]

Sorting technology for
multilayer plastics



ERGIS GROUP

ErgisMark®

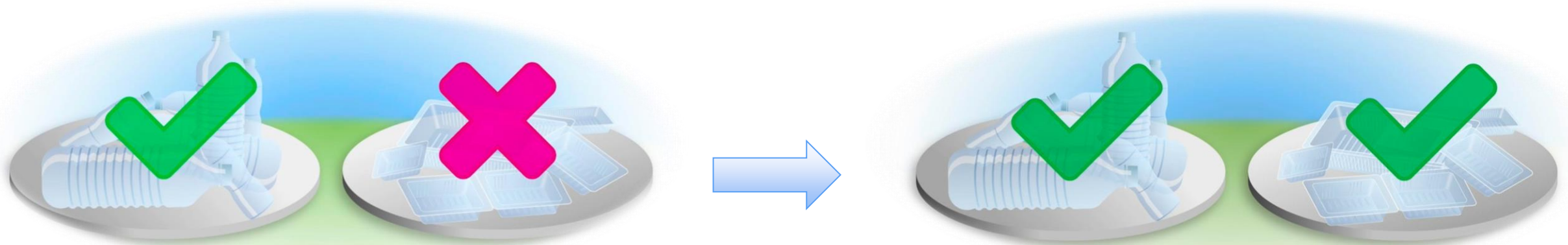
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ErgisMark® technology is a perfect response to the **European Strategy for Plastic in a Circular Economy.**



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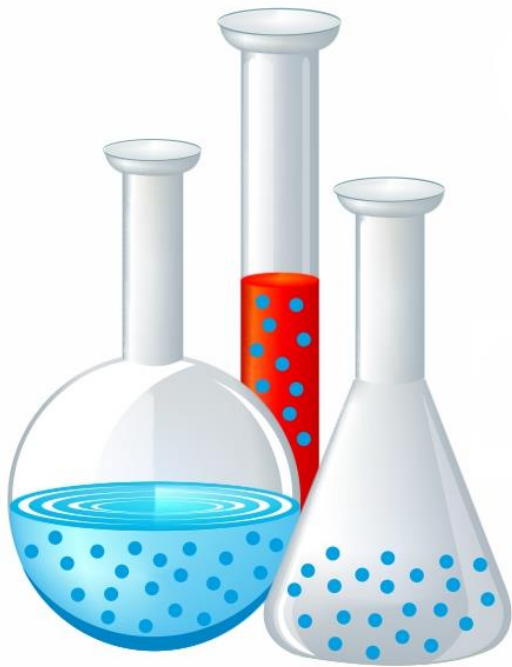
Sorting technology for multilayer plastics



ErgisMark[®] technology, based on **innovative markers** for multilayer plastics marking, is a new innovative solution for plastics sorting and recycling technologies.

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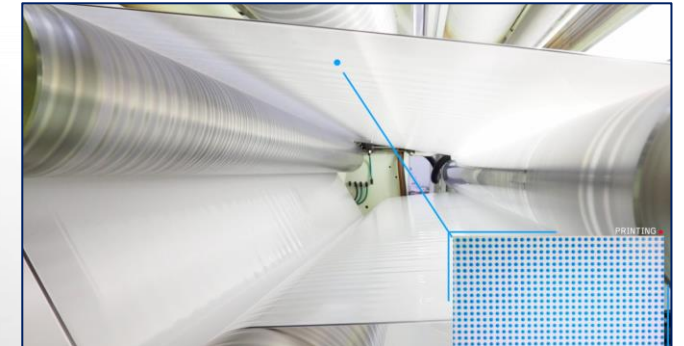
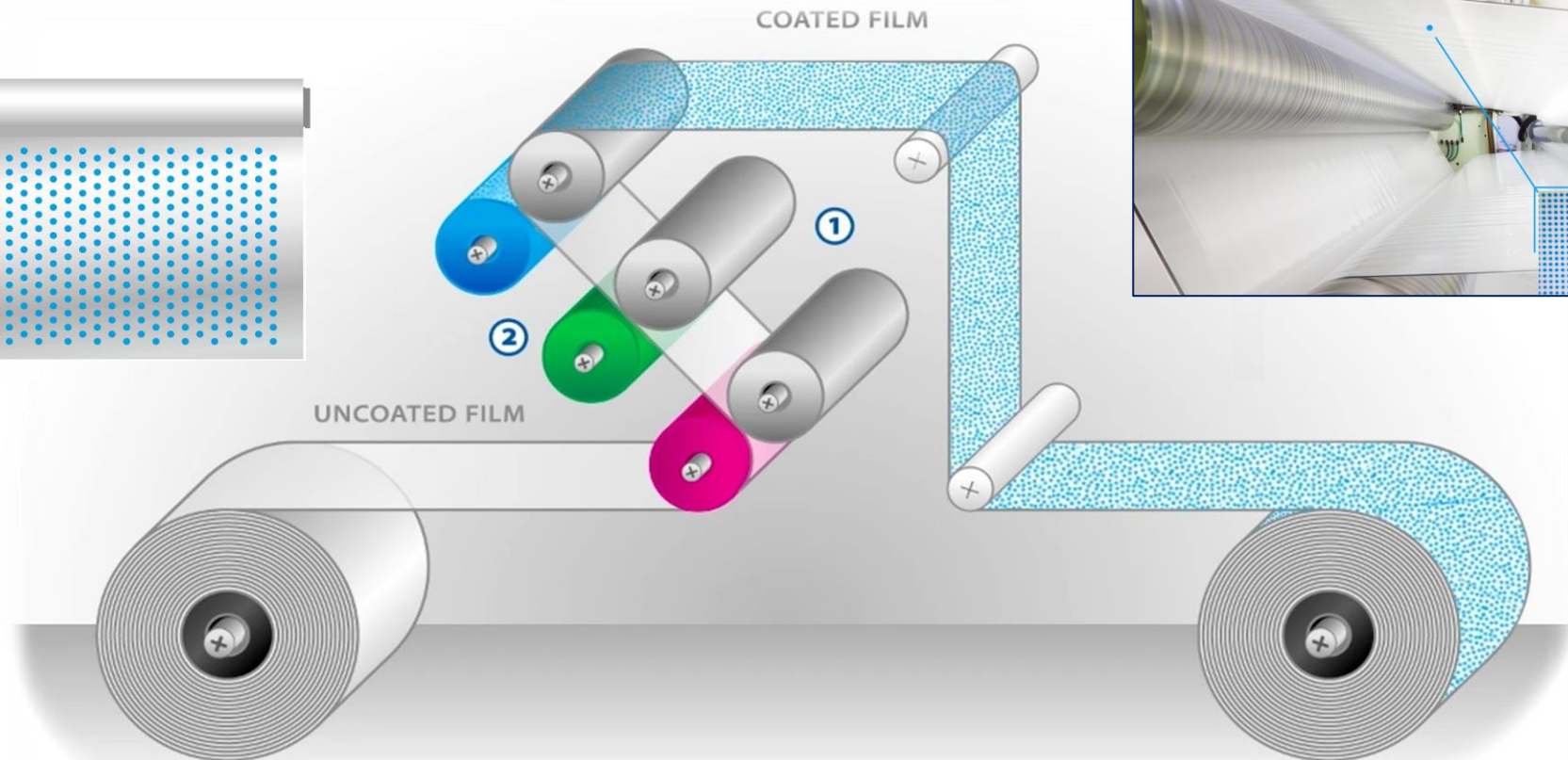
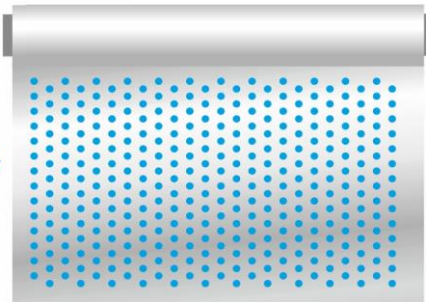
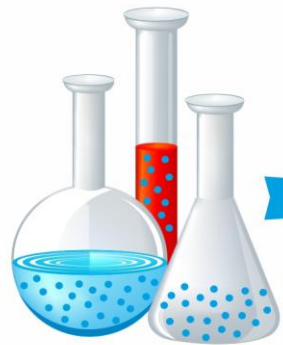


Criteria for markers:

- ✓ Inert to the plastic and the packed product
- ✓ Determined thermal stability of the composition
- ✓ Safe for human use

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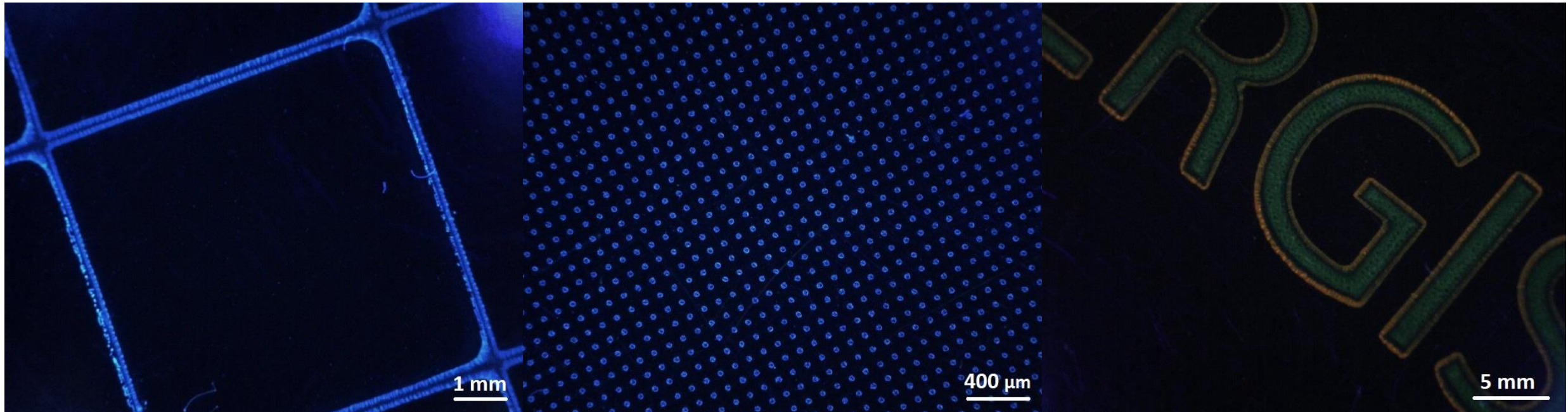
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Markers are applied in a form of a coating material.

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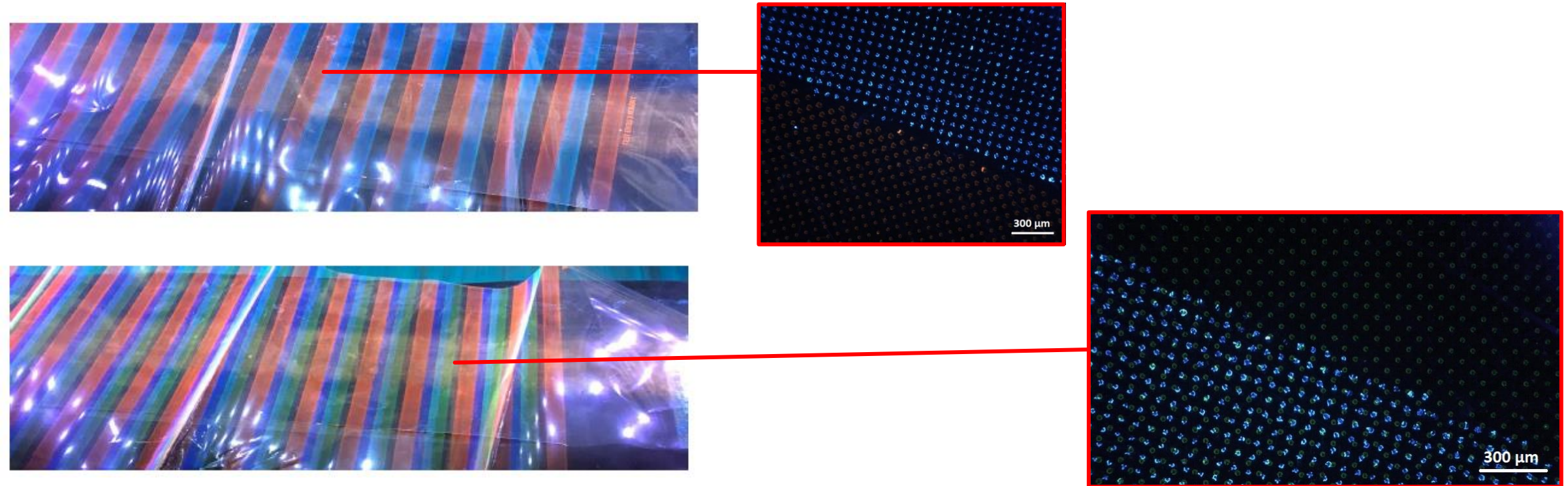
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Different markers, as well as different patterns, may be used to mark various types of films.

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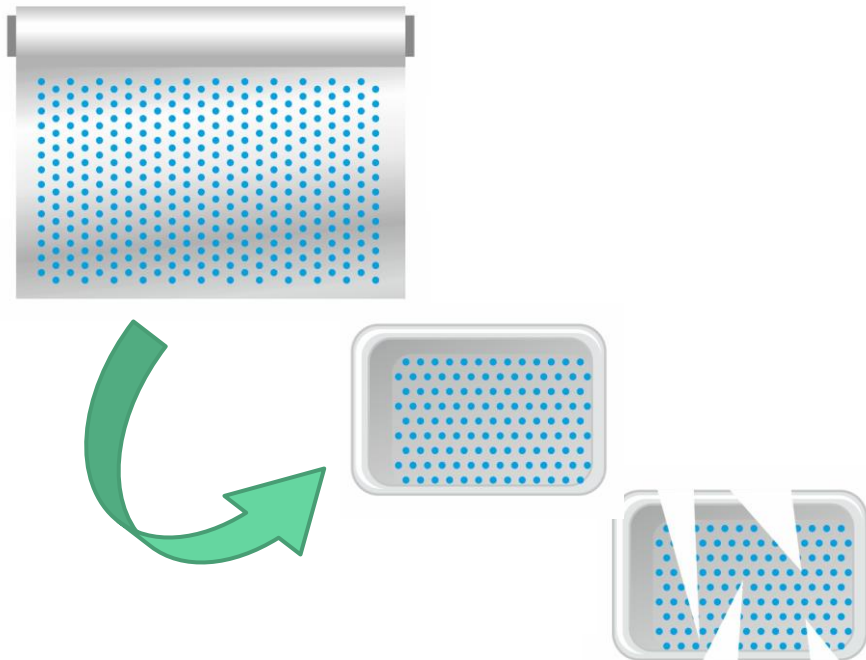
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It is even possible to detect mixed colours!

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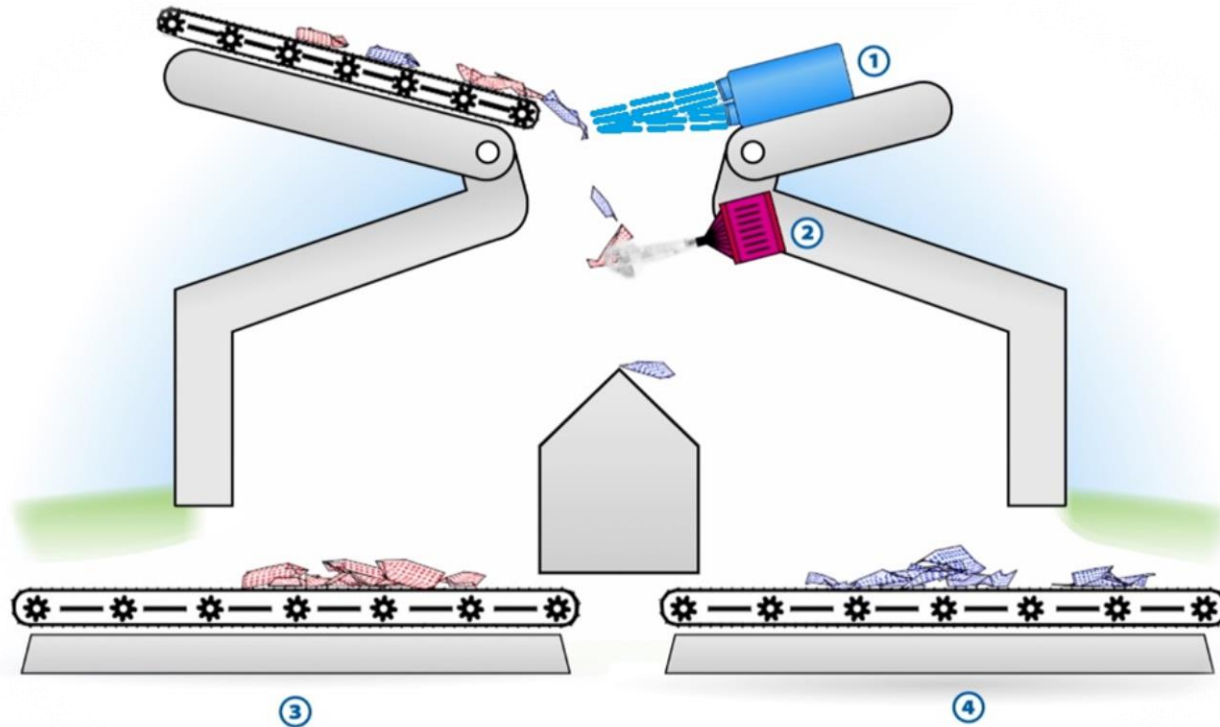
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**Identification of the markers may be carried out on trays or flakes.
Black and white materials are easily identified during the sorting process.**

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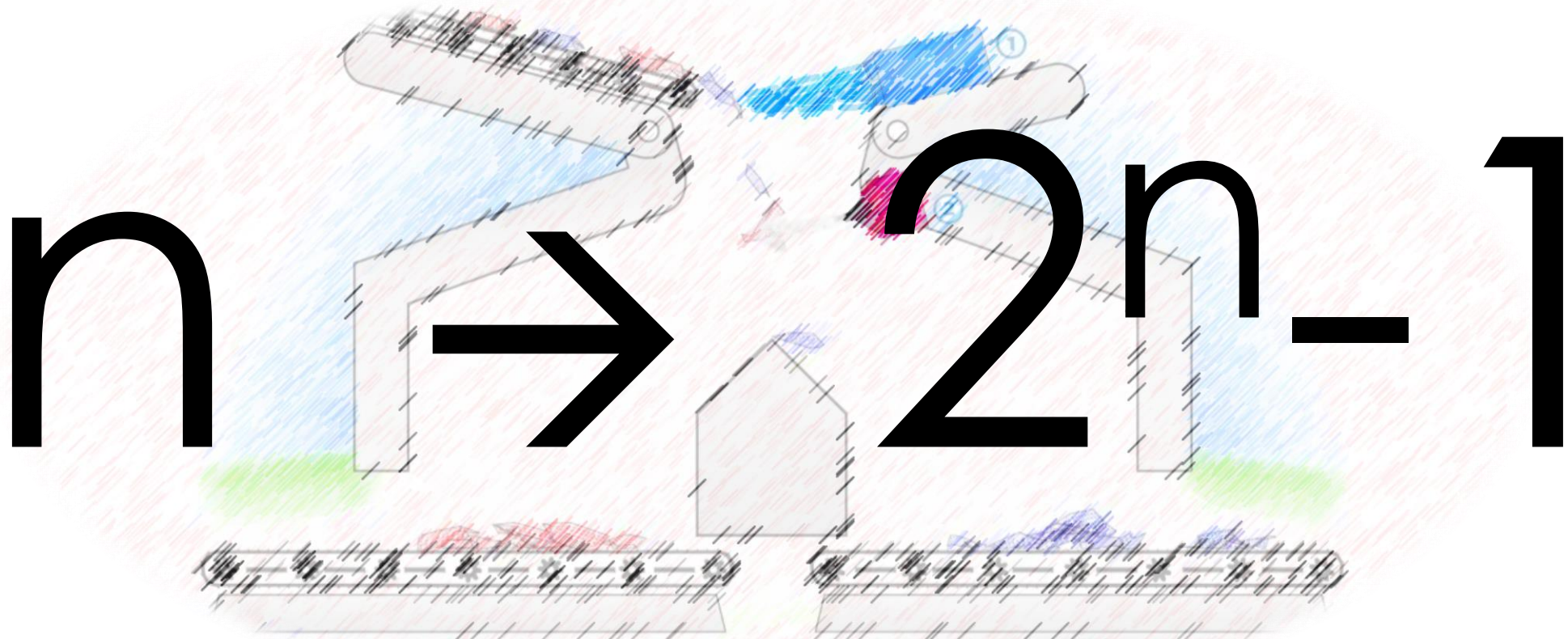
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It is possible to identify the markers via standard multisorters only by adding proper interface and software.

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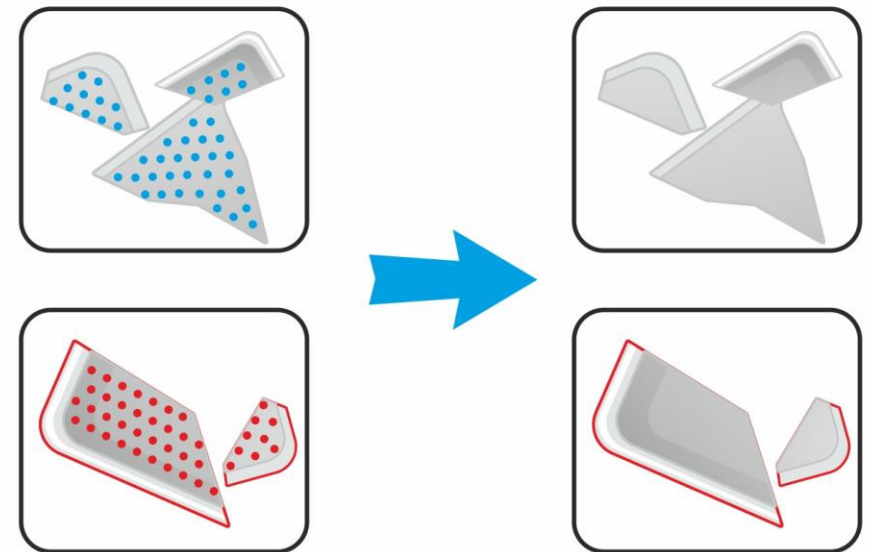
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A combination of n number of markers gives $2^n - 1$ variants of coding.

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Markers are removed after sorting in the recycling process.

ErgisMark®
supported by
**TOMRA Sorting
GmbH**

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