

High-Performance Integrated Solutions for Industry

Kaysersberg Plastics **has been present in the automotive industry for many years**, developing packaging solutions for automotive manufacturers and equipment suppliers, meeting this sector's very strict requirements.

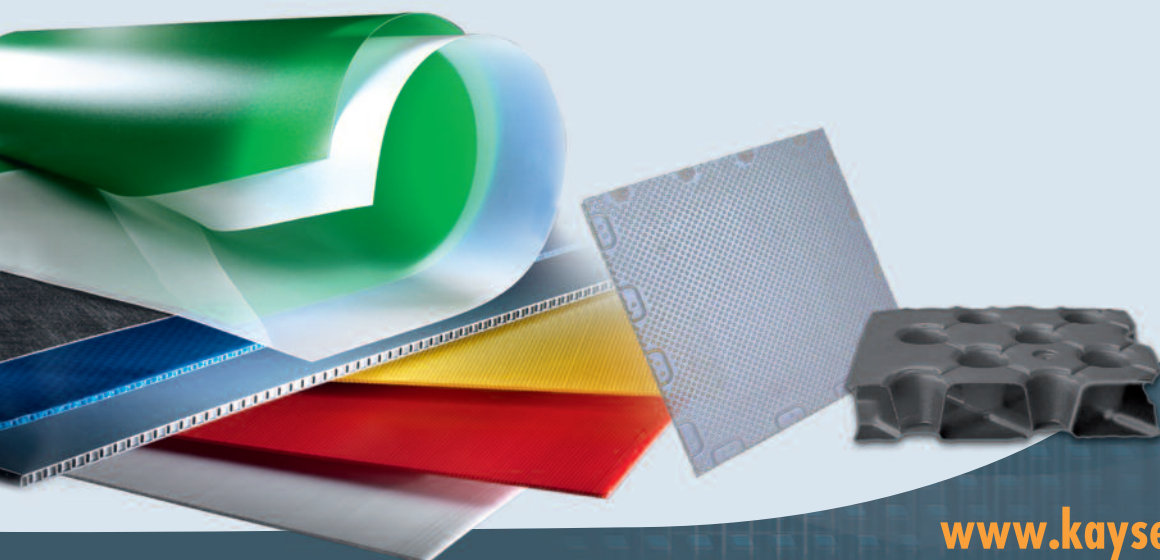
Today **Kaysersberg Plastics** is expanding its field of activity and offering OEM (Original Equipment Manufacturer) solutions integrated in the finished product.

The lightness and rigidity of cellular thermoplastic structures make it an ideal product.

The industrial process used to produce specific tools at low cost, the development of perfectly optimised customised solutions is a considerable asset from which Kaysersberg Plastics customers benefit through the availability of its international resources: design offices, analysis and test laboratories and R&D centre.

Every problem has its solution

Kaysersberg Plastics, your development partner



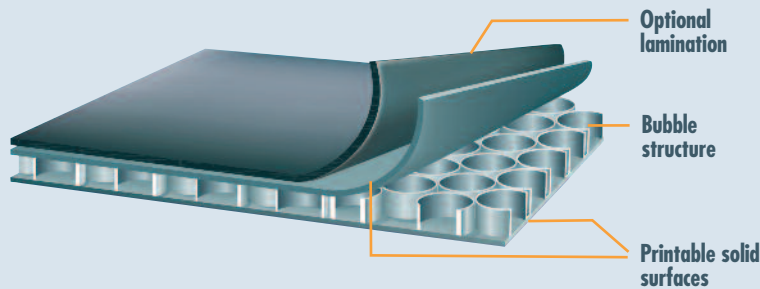
Cellular Technologies

for robust and lightweight solutions

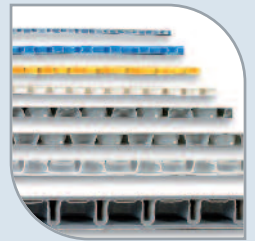
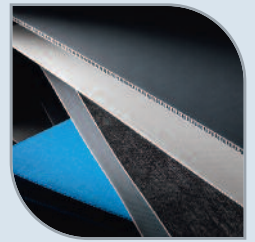
Akeyboard®

100% polypropylene sandwich panels

3-layer panel, combining a central thermoformed layer and two solid sheets with in-line lamination possible



- Light and strong
- Impact resistant
- Stable multidirectional mechanical properties
- Can be "complexed" with non-woven fabric, foam, printed film and others, on request
- Rot-proof and stainless
- Non-toxic, resistant to chemicals
- Resistant to water and moisture
- Does not give off volatile organic compounds
- Printable (flexography, screen-printing)
- Easy to transform: can be cut, folded, welded, perforated, stapled, glued and stitched
- Recyclable

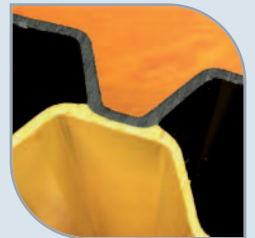
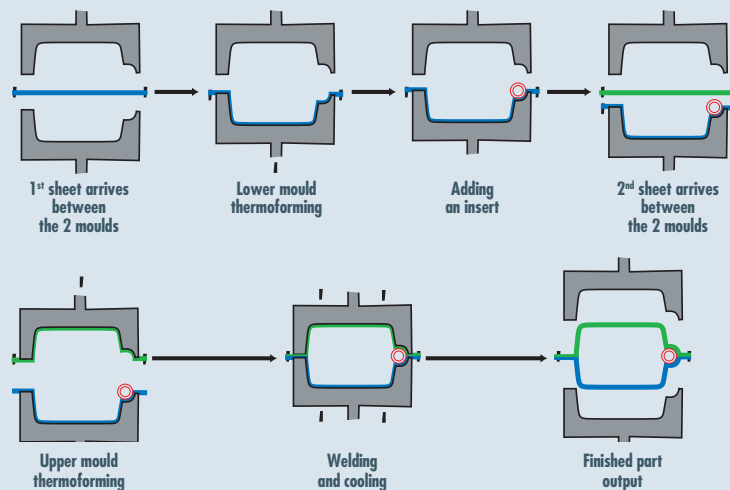


Twin Sheet Forming

3D cellular HDPE part

Rotary Twin Sheet thermoforming process to produce hollow parts with two 3D surfaces

- Light and rigid
- High compression strength and impact resistance
- Moisture, water and acid resistance
- Can be covered with carpet, foam, rubber...
- Recyclable



Examples of Applications

OEM Parts for the Automotive Industry

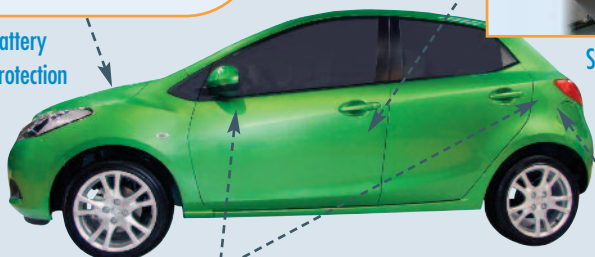
Material performance and vehicle weight reduction



Battery protection



Seat reinforcement



Spare wheel cover



Sound protection supports

Customised solutions

- Versatile products which can be converted easily (cutting, welding...)
- Possibility of function integration
- Different aspects and finishes (grain, carpet...)

Undeniable advantages

Avowed technical performance

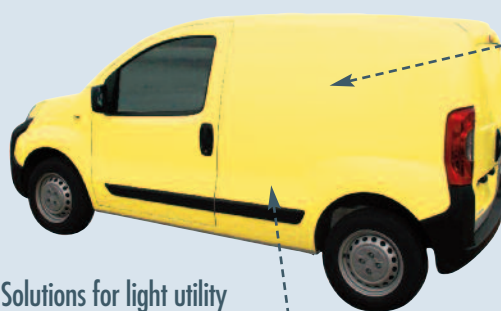
- Very favourable weight/mechanical performance ratio

Economic benefits

- Vehicle weight reduction
- Flexible industrial process compatible with automotive industry requirements

Ecological benefits

- Recyclable material
- Reduced fuel consumption and CO₂ emissions



Solutions for light utility vehicles

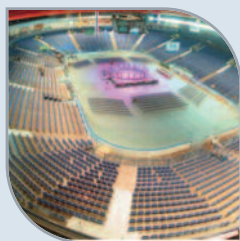


Side walls (Akyboard®)



Floor (Twin sheet or Akyboard®)

Other Possible Applications



- Walls, partitions and decorative panels with all types of finish
- Caravanning : rigid, light partitions for vehicle weight reduction
- Leisure: temporary covering slabs for skating rinks, natural or synthetic grass, miscellaneous land types, non-permanent walkways for organizing events
- Etc.

Kaysersberg Plastics

Your Development Partner

- More than 30 years expertise in producing extruded plastic sheets, thermoformed, injected and moulded products for industry
- Pan-European presence
- 6 production and transformation sites in Europe
- 6 design offices for designing customized solutions, technical tests and their validation
- 1 test and analysis laboratory and 1 R&D department

Many customised solutions have been developed for the automotive industry, with detailed requirements in terms of quality, efficiency and profitability. The performance of thermoplastics and the flexibility of the manufacturing process offer limitless possibilities for applying integral solutions in all business activities.

Don't hesitate to contact us to study a development or optimisation project. Our experts will advise and support you in developing and applying the solution which best meets your specific requirements.



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