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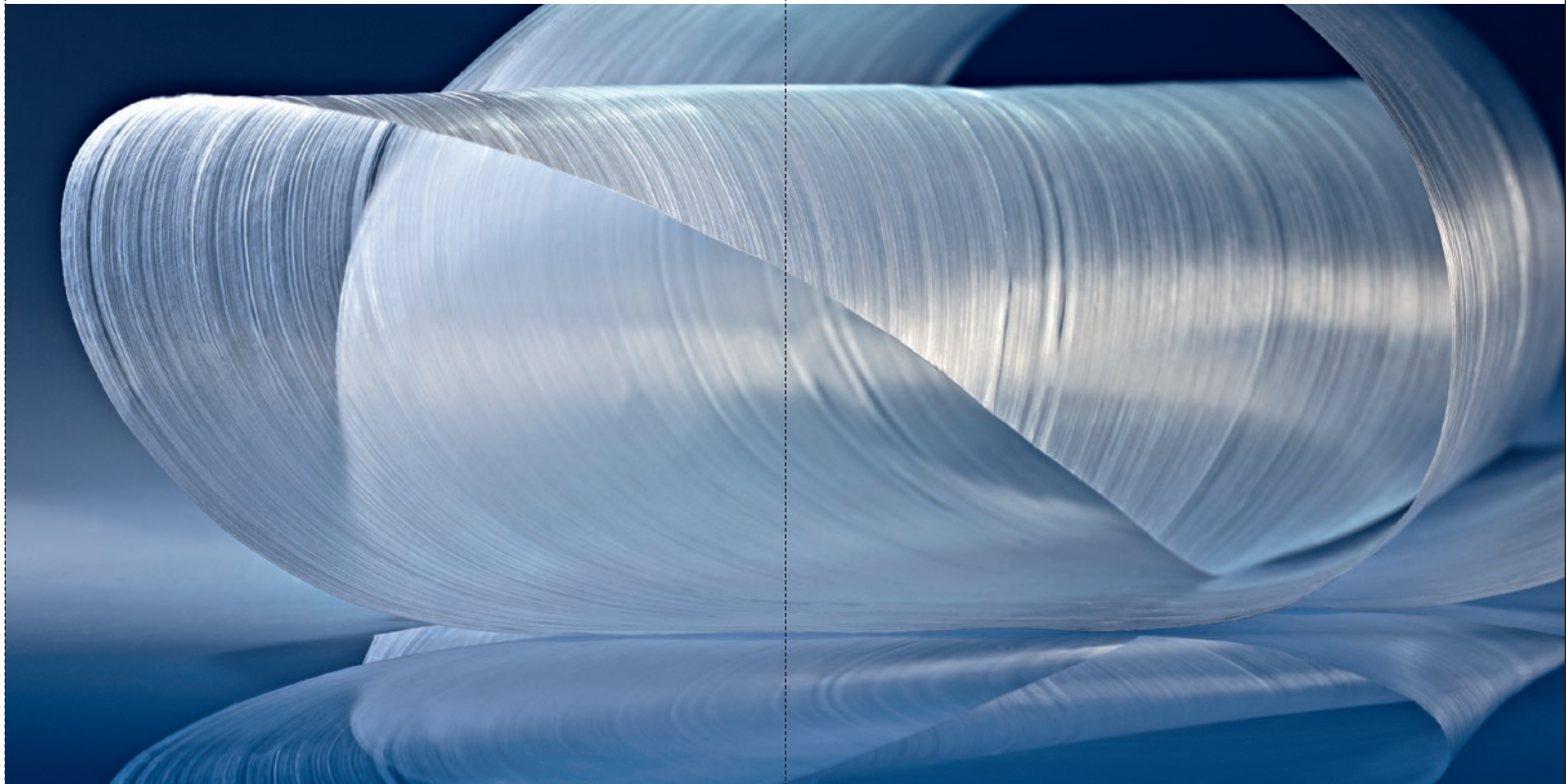
kaypla®

Tapes from Bobingen

Having enjoyed considerable success over a number of years in the monofilament market, Nextrusion has now developed an unrivalled technique for the production of polyolefin-based high-performance tapes: **kaypla®**!

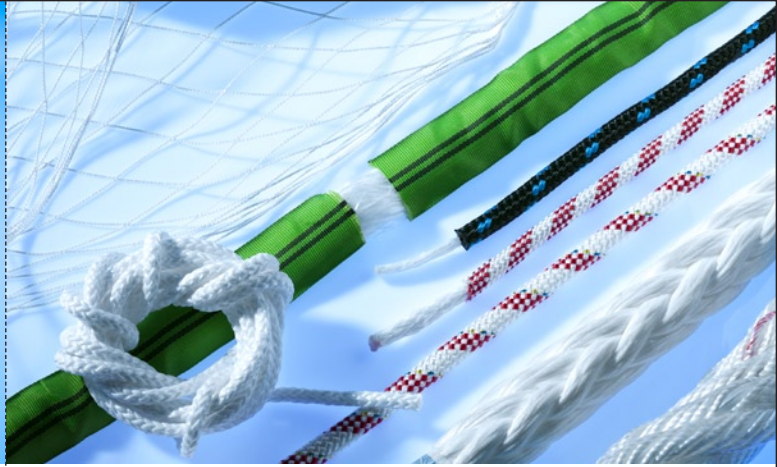
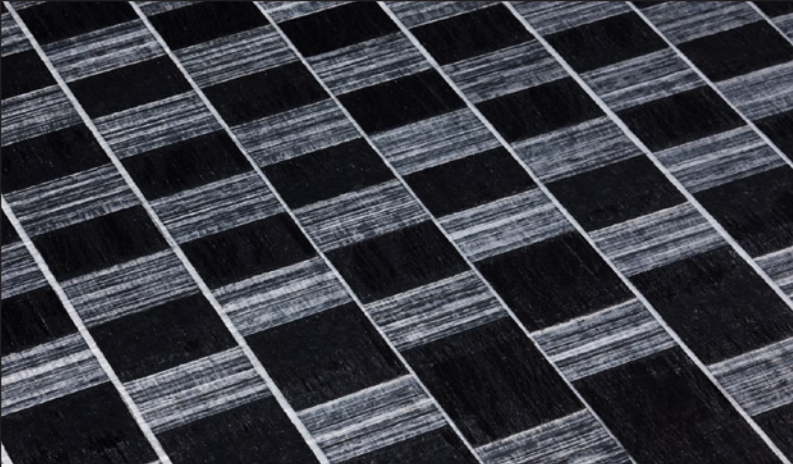
Reflecting the strong growth in demand for self-reinforced lightweight materials, **kaypla®** can be used to manufacture components where there is a need for durability plus rigidity on the one hand and buoyancy plus thermoformability on the other.

Representing excellent value for money compared with other high-performance fibers, this material boasts an environmentally friendly low carbon footprint and is 100% recyclable.



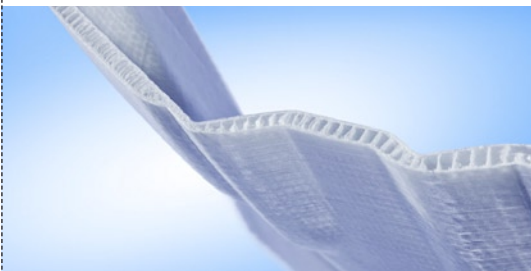
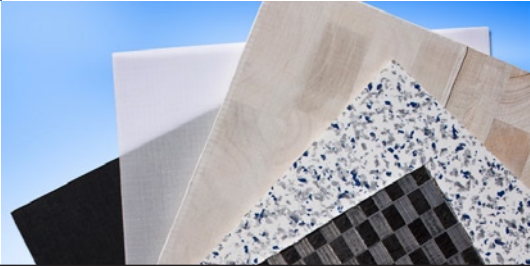
kaypla® tapes.
The only limit is your imagination.

High-Performance Tapes
Made in Germany



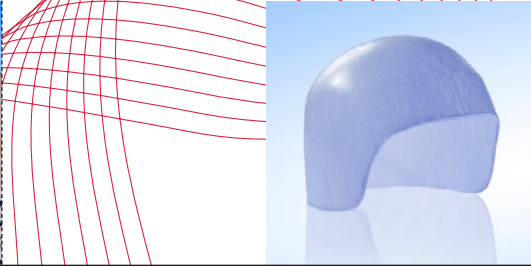
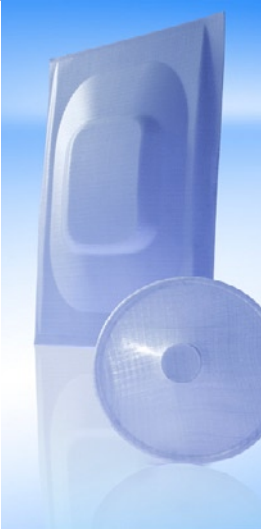
kaypla® in Flat Laminates and Sandwich Structures

kaypla® composites are based on unidirectional laminates (UDs) with a low fraction of matrix when compared with other composite materials. Several UD layers can be stacked in any direction whatsoever and formed to panels under pressure and heat. Depending on the specific application requirements, the tape properties are optimally transferred to the panels, optionally also in combination with lightweight core structures.



kaypla® in Molded Objects

As a thermoplast, **kaypla**® composites can also be shaped to three-dimensional structures by thermoforming (pressing) or conventional autoclave systems, being reformable at any time if the operating conditions are observed.



kaypla® in Other Applications

kaypla® tapes equally be twisted or braided to make ropes, hawsers, nets and many other applications.

