

Nathalie Vis
Designing a recyclable impact resistant
tablet cover
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Integrated Product Design

Committee

Company

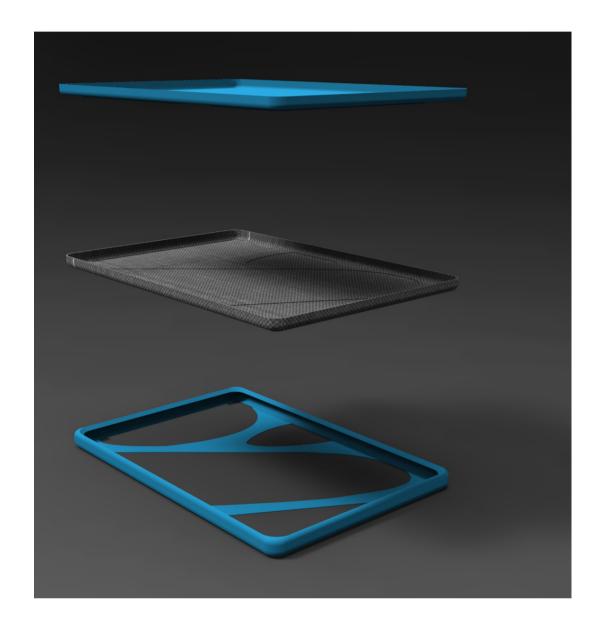
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Telco Accessories

Gecko Dynamic

Gecko Dynamic is an impact resistant tablet cover made out of self-reinforced polypropylene (SRPP). It is light weight, impact resistant and recyclable, as the fibers and the matrix of this material are made out of one single polymer type.

Through thorough material research and testing, the parameters of the production process which influence the material propertieswere optimized. The tablet cover consists of three layers: one central layer of isothermal molded SRPP, sandwiched between two layers of injection molded PP.

SRPP acts like the backbone of the product, as it is stiff, ductile and tough. The injection molded PP on the other hand is soft and offers more damping.





Gecko Dynamic was designed for those who intent to use their tablet both in- and outdoors, and desire a combination of stylefulness and durability.

The style of Gecko Dynamic is suitable for both professional and casual settings. It is simplistic, sleek, bold and playful. Moreover, the contrast between the material texture and colors matches the style of Gecko Covers.

