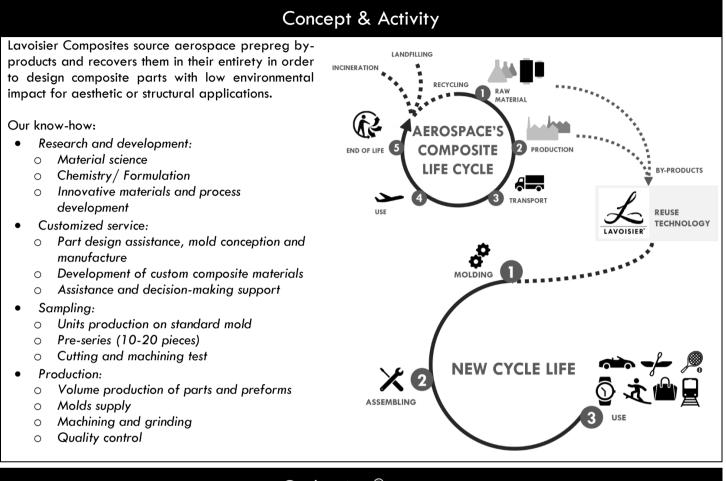


Lavoisier Composites

Reveal the best of matter and humans!



$Carbonium^{\mathbb{R}} \ range$

Composed of carbon fiber and aerospace grade epoxy resin, Carbonium[®] is labeled '1000 efficient solutions for the *planet*' by Solar Impulse Foundation. Thanks to adapted molding and surfacing operations, Carbonium[®] is available in several pigments, finishes and thicknesses, thus revealing its unique and iridescent veining.

Carbonium® Original

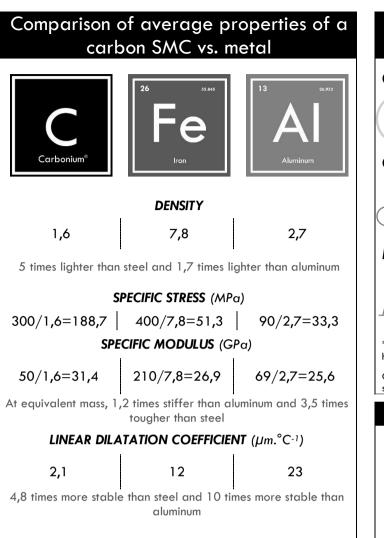


Carbonium® Gold

Carbonium[®] Structure







Carbonium[®] is well suited for tough application because it does not corrode, is not very sensitive to chemical agents, is resistant to high temperatures, humidity and scratches.

Lavoisier team



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Life cycle assessment* - Carbonium®

Global environmental footprint



up to 50 % reduction in overall environmental impact on all criteria.

Climate change criterion



13 kg of CO_2 saved per kg of Carbonium® used, i.e. 100km travelled in a standard car.

Energy consumption



72 kWh saved per kg of Carbonium[®] used, i.e. 72 washing machine cycles.

 $\ast~$ Full LCA performed by EVEA - Lyon using the "50/50" method to integrate half of the primary impact of the Carbonium® LCA by-products.

Comparison baseline of the study: BMC/SMC of equivalent performance sourced from virgin raw materials.

e-boutique



Samples of Carbonium[®] are available on demand on the e-boutique website

Contact

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