

## XEBRID, a new thermoplastic composites family



Xenia, specialised in the development and production of thermoplastic composites has recently introduced a new family of materials reinforced with hybrid fillers composed of carbon and glass fibres mixtures.

Fibreglass, since decades universally known as reinforcement due to its mechanical properties and carbon fibre, that combining rigidity and lightness, offer significant reinforcement performance, acting together in synergy, the two fibres lend the polymer an absolute feature.

The possibility to combine variable percentages of reinforcements together with different polymer matrices allows you to obtain a wide range of physical-mechanical properties depending on the selected type of application.

XEBRID's use is most ideal in all applications where "metal replacement" is required to optimise cost, performance and process technologies (industrial and agricultural equipment, construction and oil & gas).

XEBRID's advantages can also be applied in all applications where lightness joined at mechanical properties and processability are the main requirement (sporting equipment, mobility & transportation, aeronautics).

**Xenia** is an Italian company, specialized in engineering and production of innovative polymer-based materials for the most advanced and challenging industries.

The company, located in Vicenza, incorporates an engineering team, which helps customers to develop high-tech solutions with a research and development department dedicated to product innovation.

More information: [www.xeniamaterials.com](http://www.xeniamaterials.com)