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Sommario/riassunto	This book presents a design research on the basalt fiber, a natural mineral material with important characteristics, and investigates the material's properties, production techniques, and most common uses, while also delving into aspects yet to be improved. The work presents a part of original research in between art and design, in which concepts, prototypes, and ideas are proposed, aimed at the enhancement of basalt fiber also from an esthetic point of view and not only from a performance one. By working on its perceived qualities and creative and formal potential, it is possible to support and extend the use of this material in many areas of design, including product, exhibit, cultural industries, and fashion. Considering that environmental regulations are increasingly stringent, the use of basalt fiber may in some cases be more advantageous than other popular technical fibers, both because of its own performance characteristics and specifically because of its inherent sustainability.

