



SA.CO.FIBRE SRL

Art. **AEREA 113**

(Composition: 60% cotton, 10% wool, 30% synthetic)

Material Origin:

The project involves the fraying of textile materials originating from various industries, such as the textile sector, special yarn productions, cordage, padding, and the automotive industry (including airbags and safety belts). The aim is to transform textile waste into valuable resources through an innovative process of fraying and regeneration. This circular approach allows for the creation of new fabrics, yarns, and innovative products, reducing the environmental impact and preserving natural resources. With our project, we aim to promote sustainability in the textile industry and inspire other companies to follow this path, contributing to a cleaner and more environmentally responsible future.

Results and Tests:

The material regeneration process involves meticulous selection and separation of textile waste, resulting in a product with various qualities. These include the absence of metallic and oily residues, low dust presence, and good resilience. The material has been tested for composition according to the European System r 10007/2011. It demonstrates excellent sound absorption capacity according to DIN 52 215 63, and its odor has been tested with the VDA 270 system.

Technical Specifications:

- 100% pure white color
- Odorless
- Absence of oily residues
- Absence of metallic residues
- Low dust content
- Excellent resilience
- Fiber length ranging from 30 to 50 mm

Uses and Applications:

This material finds various applications in the automotive and transportation sectors, as well as in construction and padding. These applications include the creation of interior and exterior acoustic panels, thermal and acoustic insulation for walls, ceilings, and floors, as well as the production of felts and similar products.

For more information, you can visit the website at www.sacofibre.com

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