



SA.CO.FIBRE SRL

Art. **AEREA 802**

(Composition: 65% cotton, 20% wool, 15% synthetic)

Material Origin:

For over 30 years, our “millefiori” product has been created using recycled materials sourced from pre-consumer and post-consumer textile industries, embodying an exemplary circular economy model. This approach aims to reduce waste, maximize the value of existing materials, decrease reliance on virgin resources, and minimize environmental impact. The use of recycled materials also generates job opportunities in the recycling industry and promotes social responsibility among companies involved in production and use.

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.

Product Specifications:

- Usable as a bicomponent
- Medium specific weight
- Highly cost-effective
- Sound-absorbing
- Thermal insulating power
- Fiber length ranging from 35 mm (10 – 50mm)

Uses and Applications:

The material’s thermal and sound-absorbing characteristics make it highly versatile in various applications, making it suitable for industries such as automotive, aerospace, and wheeled transportation. The presence of wool aids in thermal insulation and sound absorption. Additionally, the synthetic component of the material surpasses any thermobonding operation. This material contributes to greater energy efficiency, reduced operational costs, and a smaller environmental footprint. It is also used in the appliance industry to reduce heat radiation and absorb noise, improving the quality and comfort of household products and promoting environmental sustainability. Moreover, in the construction industry, the material serves as thermal and acoustic insulation.

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

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