



Let's create a better future

**RESPONSIBLE**<sup>®</sup>  
s p u n f o r l i f e



# The more sustainable we are, the better future we have.

At RadiciGroup we never stop looking for ideas and solutions that help to reduce the environmental impact. All our efforts are aimed at answering this question:

How to be **responsible towards the environment?**

Now we have the answer: Responsible®.

**Responsible® is a sustainable spunbond with optimal performance for infinite applications, a product ideal for expressing your identity in unlimited and responsible ways.**

## Responsible®. Spun for life

Responsible® is the latest RadiciGroup spunbond **obtained from recycled Polypropylene**, a highly valued material because of its excellent chemical properties and versatility. Its high technical performances allow any application, even the more demanding, in terms of resistance and durability.

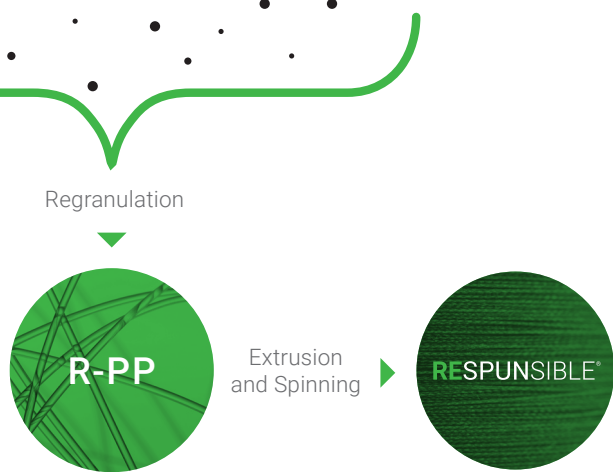
## From scrap to new spunbond

Through recovery and recycling, production scrap is converted into polymer and then into spunbond, eliminating the need for new raw materials.

Spunbond standard production cycle



Responsible® production cycle



- **A global leader:** Responsible® is a product from RadiciGroup, one of the world's leading manufacturers of polyamide, polyester, synthetic fibres, nonwovens and engineering polymers.
- **Performance:** Responsible® technological properties and performances are comparable with virgin materials.
- **Less raw materials:** conversion of scrap reduces the need for new raw material.
- **Green energy:** more than 40% of the energy used by RadiciGroup is green, as it comes from renewable sources. Also Responsible® can count on this green energy.

## A strong sustainable commitment

At RadiciGroup great attention is paid to implement **environmental and social sustainable practices**.

### Measuring environmental and social achievements

Since 2010, RadiciGroup has been releasing a Sustainability Report based on the Global Reporting Initiative methodology (GRI Standards).

**All the processes for the production of Responsible® are accurately measured in terms of resource consumption, emissions, and waste.**

### Promoting advocacy

The company is member of **EDANA** (the European Disposables and Nonwovens Association) which actively **promotes sustainability in nonwovens**.

### Committing for the environment

The company voluntarily adheres also to the **Operation Clean Sweep** programme promoted by Plastics Europe with the goal of **reaching zero pellet loss in the environment**.

### Certifying processes

The company has decided to adhere to the **ISCC PLUS scheme**, the International Sustainability and Carbon Certification. ISCC PLUS is a certification for circular materials, where the sustainable material is allocated via mass balance accounting. It provides **traceability** along the supply chain, verifying that certified companies meet **high environmental and social standards**.

This allows us to produce spunbond made from raw materials certified according to ISCC sustainability requirements. Our spunbond can be used in downstream processes ensuring high technological properties and performances.



## One spunbond, many lives

Responsible® is the ideal solution for all those sectors where creativity and high performance are required. It has countless applications in:



Roofing  
and Building  
membranes



Automotive



Agriculture



Filtration



Furniture



Ho.Re.Ca



Hygiene and  
Medical

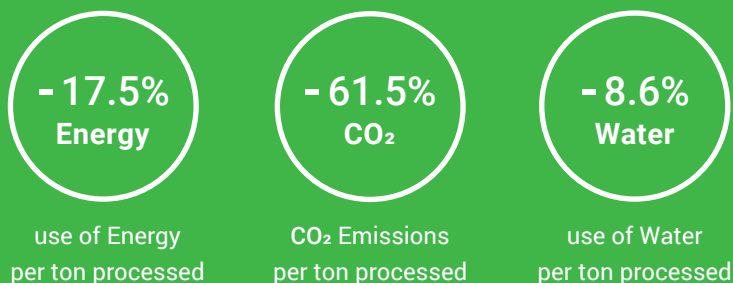
# RadiciGroup. Inside your world.

RadiciGroup is one of the most active Italian chemicals manufacturers at an international level. RadiciGroup's diversified businesses operate worldwide and are focused on Specialty Chemicals, High Performance Polymers, Advanced Textile Solutions. Synergistic vertical integration, of polyamide production in particular, is one of RadiciGroup's strengths. Indeed, the Group has total control over its production chain, from chemical intermediates, such as adipic acid, to polyamide polymers, engineering polymers and synthetic fibres. RadiciGroup products are exported all over the world for use in the following sectors: apparel, sports, furnishings, automotive, electrical/electronics and household appliances.

## Sustainability

Every day at RadiciGroup we work to make circularity our business model. We optimize the use of materials while fine-tuning our processes, eliminating waste, promoting recyclability from the earliest product design phases. We are always looking for low-impact solutions in terms of natural resources and energy. We rely on certified management systems for Safety, Environment and Energy to keep our companies in line with the highest sustainability standards.

Last 10 years' milestones:



Data Source: RadiciGroup Sustainability Reports



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