

DEVULPRENE®





**AGR® HAS DEVELOPED
DEVULPRENE® FOR A FAMILY
OF GREEN ELASTOMERS
PRODUCED THROUGH
AN INNOVATIVE AND
PATENTED PROCESS
ACCORDING TO THE
PRINCIPLES OF CIRCULAR
ECONOMY**

- Recovery of materials
- AGR - Ecogranulo®
- Patented Devulcanization Process
- Green Elastomer

DEVULPRENE® IS A GREEN MATERIAL BORN FROM AN ENVIRONMENTAL CHALLENGE:

it's a cutting-edge Circular Economy project for sustainability in the rubber sector.

The production of a green elastomer comes from the collection of recycled materials, and it becomes a raw material for new productions itself.

Therefore DEVULPRENE® starts a virtuous circle for the total reuse of the starting materials.



The first phase is the transformation of post-industrial or post-consumer used rubber into ECOGRANULO®: a very high quality granule obtained through an innovative patented process which involves 7 different qualitative selection and refining treatments.

The next step is the devulcanization process, from which DEVULPRENE® is obtained: a 100% green material that can be used as a raw material in the normal production cycles of rubber products.





**DEVULPRENE® IS A REVOLUTIONARY
PRODUCT, THE RESULT OF RESEARCH
AND TECHNOLOGY AND THE OUTCOME
OF AGR® COMMITMENT TO MINIMIZE
THE ENVIRONMENTAL FOOTPRINT
OF THE RUBBER INDUSTRY.**



DEVULPRENE®

AVAILABLE PRODUCTS

SBR

NR

EPDM

FKM

VMQ

IR

ACM

HBNR

NBR



STRENGTHS

- **Solid slabs / Compact strips.**
 - **High content of green elastomer.**
 - **High content of green carbon black.**
 - **Long life / long shelf life.**
- 




OUR CLIENTS

- Automotive (tyres, gaskets, technical articles).
- Industry (hoses, plates, technical articles).
- Construction (gaskets, slabs, sheaths).
- Compound manufacturers.

A black and white photograph of industrial machinery, likely a rubber processing machine. A prominent label on a component reads 'DEVULPRENE'. The image shows various mechanical parts, including rollers and a circular component with multiple small openings. In the top right corner, there is a small white logo consisting of two overlapping circles.

USE CHARACTERISTICS

- Easy to use in compounds.
 - Tested and approved in applications for dosage above 30% in phr.
 - Tested and approved in applications for dosage above 30% in weight.
 - Suitable for moulding and extrusion.
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- A horizontal bar at the bottom of the slide with a gradient from blue on the left to green on the right.





CIRCULAR ECONOMY

- **100% Green product**
- **It improves the environmental impact.**
- **Sustainable product with guaranteed availability.**
- **ISO 14001 and ISO 9001 quality, compliant with the Reach regulation.**
- **Independent of commodity market fluctuations.**



THE AGR® FULL SERVICE

01

COLLECTION OF MATERIALS

We organize the collection, sorting and selection of materials suitable for their post-industrial and post-consumer reuse (seals, tyres, technical items).



02

AGR-ECOGRANULO® PRODUCTION

We recover the materials and reduce them to granules by subjecting them to 7 different patented selection and refining treatments for the production of AGR-ECOGRANULO®.

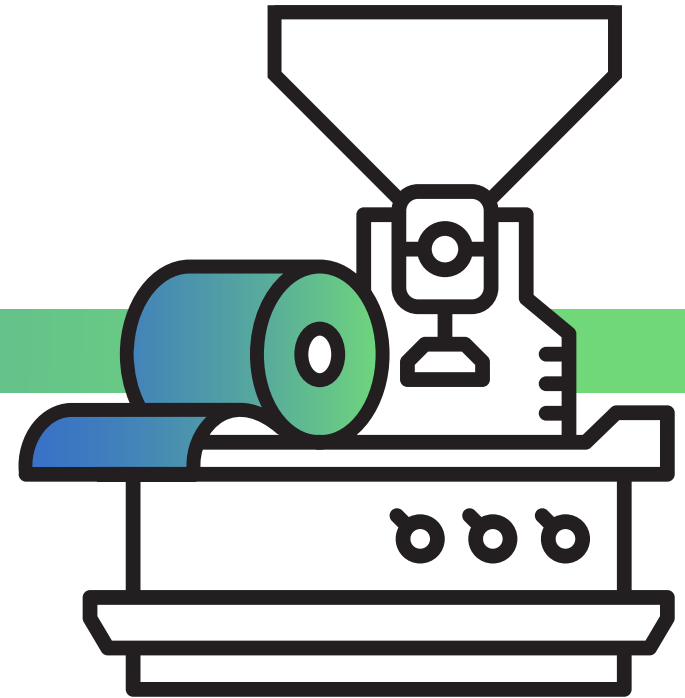


03

DEVULCANIZATION

Through a patented devulcanization process we obtain DEVULPRENE® a green material suitable for the production of:

- Compounds for tyres
- Compounds for technical articles
- Thermoplastic compounds



04

QUALITY CHECK

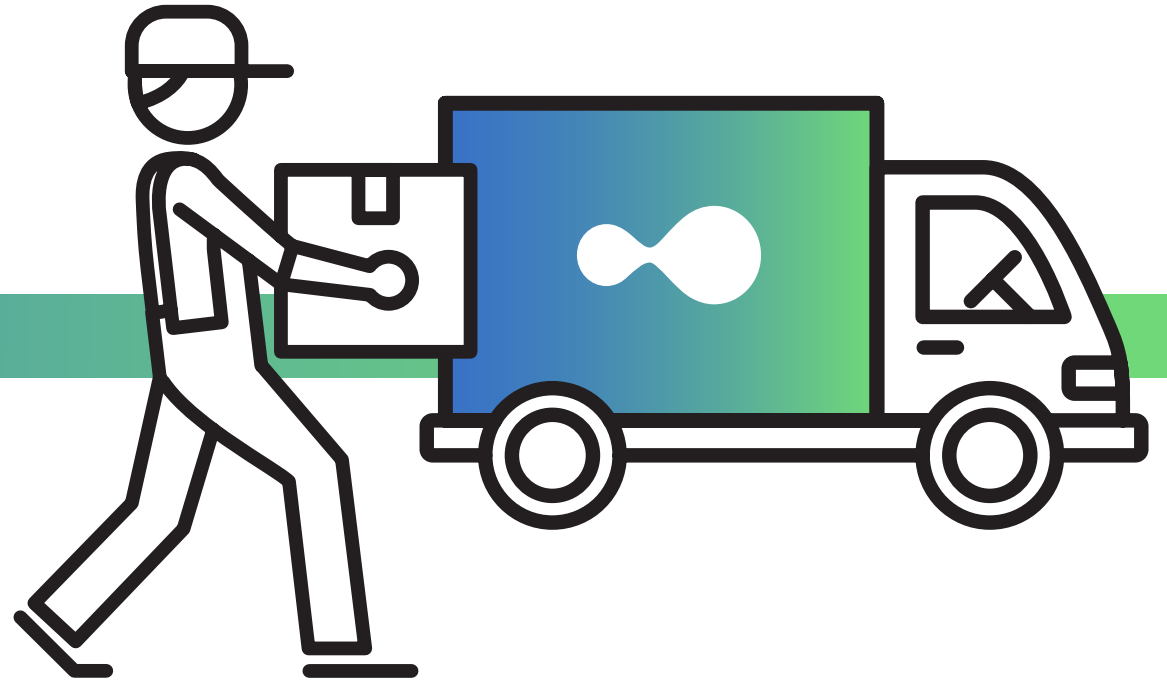
Our technical team checks all the materials at every stage of production, every single production batch is tested and verified with ISO 14001 and ISO 9001 certified quality.



05

PRODUCT AVAILABILITY

We manage large quantities of product,
with consistent quality and reliable service.



06

PRODUCTION CAPACITY

- Production capacity: 10000+ tonnes / year.
- Warehouse capacity: 1000+ tonnes.
- Full load delivery.





**FIND OUT WITH AGR®
WHAT IS THE MAXIMUM DOSAGE
IN YOUR APPLICATIONS.
AGR® WILL BE GLAD TO COLLABORATE
IN THE SET UP AND SEND YOU
A FREE SAMPLE.**





WWW.DEVULPRENE.COM