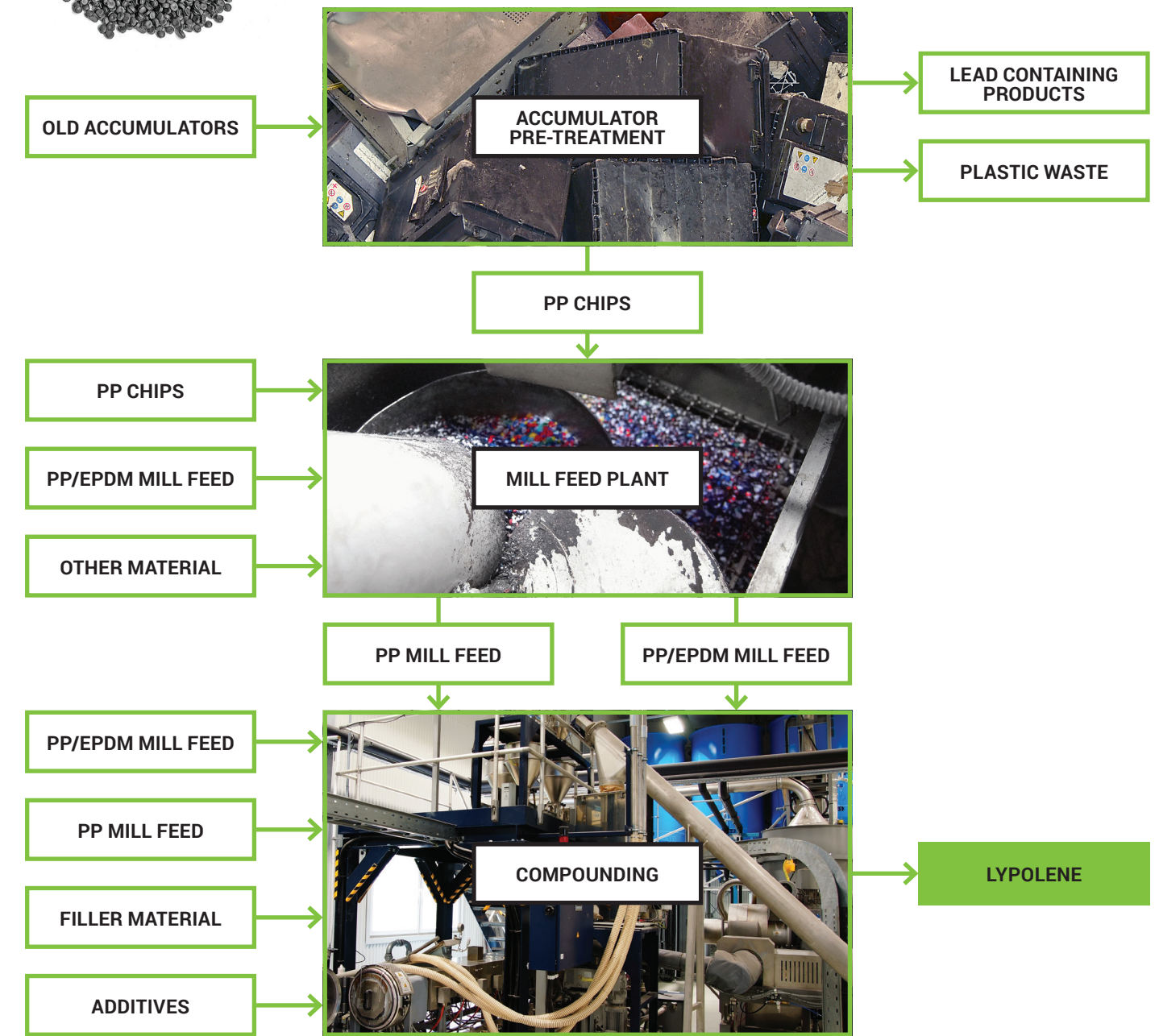




COMPOUNDING OF LYPOLENE

The main feature of compounding is a blending technology that enables the creation of precise formulations based on predefined specifications and individual customer product requirements. Material compositions for specific uses are adjusted by blending mineral fillers, additives or colour batches, the whole then being processed into high-grade PP compounds.

Comprehensive quality control – covering the process technology and further stages – of process parameters like formulation, temperature, pressure and flow characteristics ensures that the manufactured Lypolene PP is always of a consistently high quality.



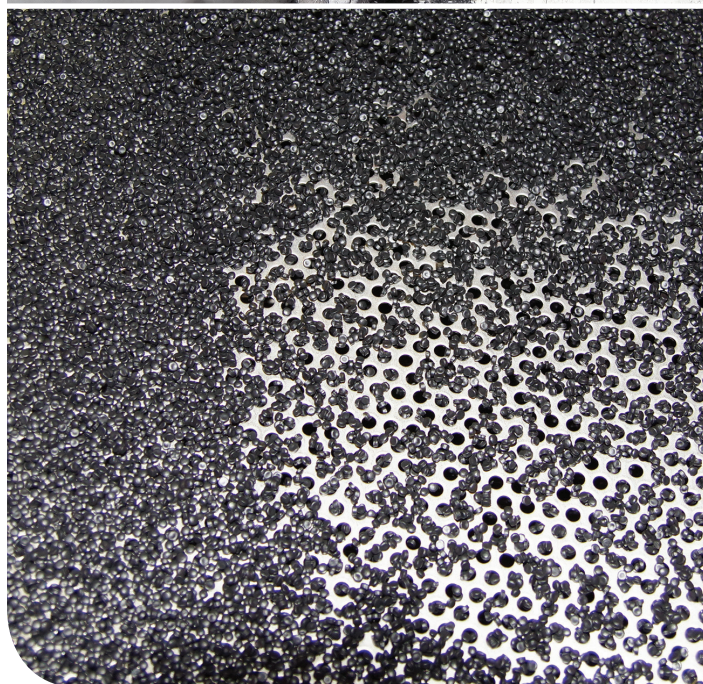
LYPOLENE



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PP COMPOUNDS MADE FROM SECONDARY MATERIALS





LYPOLENE PP

TAB-IPM is a producer of top quality high-grade PP compounds from secondary materials.

Since 2002, the company has been operating a plastic extrusion polypropylene (PP) process. The PP compounds, called Lypolene, produced at TAB-IPM are qualitatively on par with those produced from primary raw materials and excel in terms of cost effectiveness and flexibility of application.

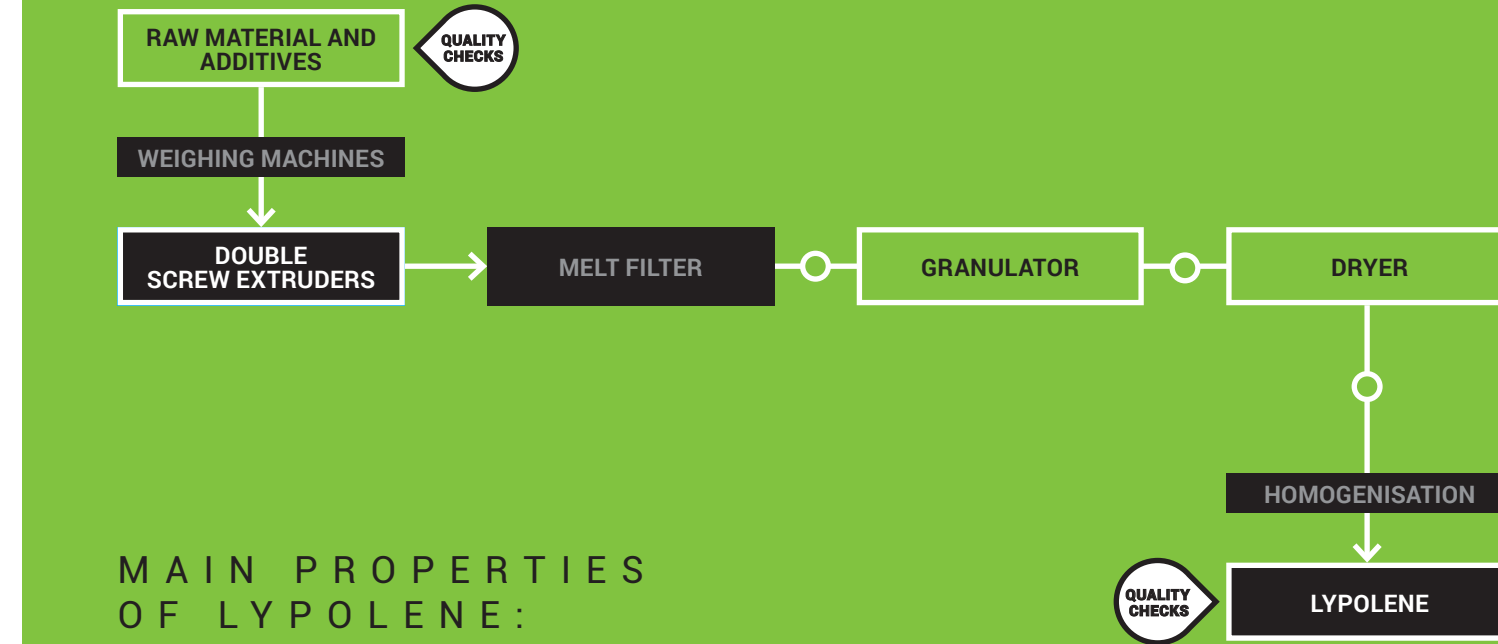
For applications requiring specific characteristics (physical, chemical and environmental ...), our R&D team is at your disposal to consider the possibilities of a compound that meets your requirements.

In cooperation with our customers, we have developed a wide range of products to meet the more stringent requirements of various sectors - such as the automotive, industrial and construction industry.

PRE-TREATMENT

The starting materials for Lypolene PP are mono-fraction polypropylene chips obtained from the company's own pre-treatment of accumulator scrap and other PP materials, e.g. bottle caps.

These are cleaned thoroughly in multiple stage cleaners, washers, grinders and driers and then pneumatically transported to the raw material silos of the compounding plant.



MAIN PROPERTIES OF LYPOLENE:

- Types: PP, PP-T, PP/EPDM
- Filling grade: MINERAL COMPOUNDS 5 – 40 %
- MVR 230/2,16: 3 – 20 cm³/10 min
- Yield stress: 30 MPa max
- Impact strenght of notched samples (Charpy): 3 – 60 kJ/m²

CURRENTLY, APPROXIMATELY 20 DIFFERENT PP QUALITIES ARE PRODUCED.

PRODUCTS & FIELDS OF APPLICATION



TECHNOLOGY AND ENVIRONMENT

TAB-IPM contributes substantially to the protection of the environment and resources by applying highly efficient technologies, consequently optimised processes and innovative products. The ecological and user-specific manufacturing of PP chips made from recycled materials and upgraded to high quality PP compounds is characteristic of the all-encompassing concept of TAB-IPM d.o.o. regarding operating with closed-circuit material recycling.

Skilled personnel operate and supervise the environment-friendly and economical production. The certification as a company with an integrated management system for quality, energy efficiency, occupational safety and environmental protection stresses the pivotal role of performance and responsibility. Continuous investments underline the high standard.

PRODUCTION OF LYPOLENE

