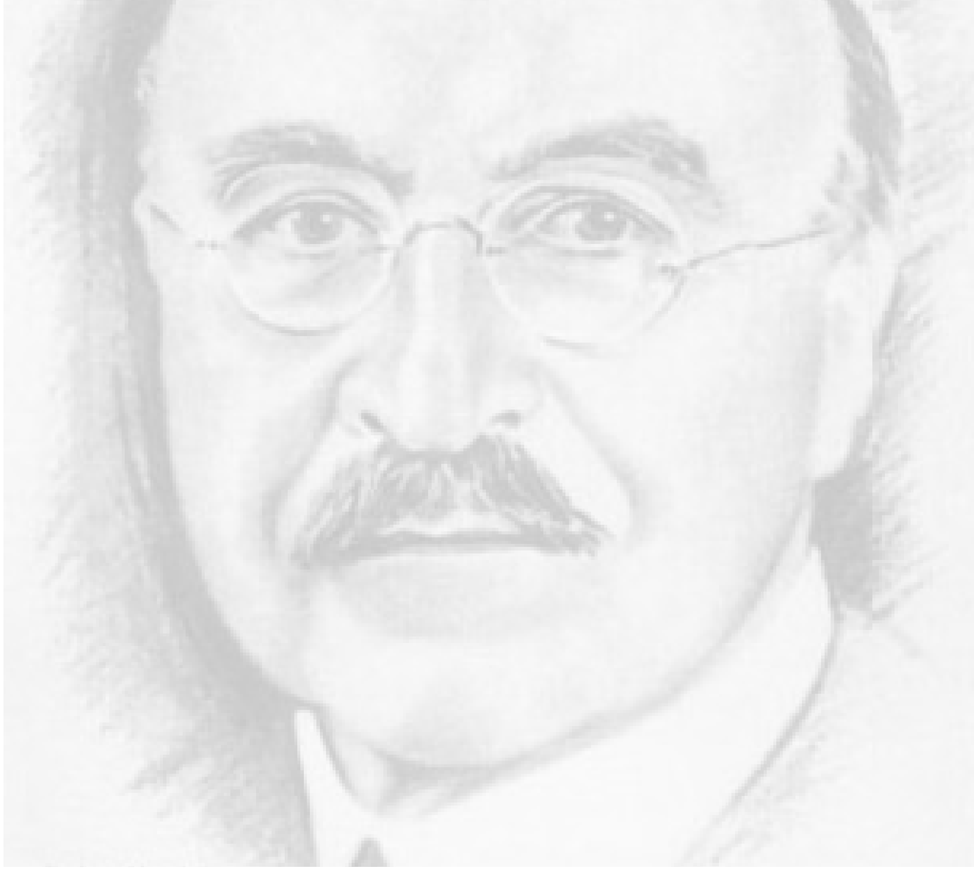
BAKELITE
SYNTHETICS

PF 2020

The most sustainable Bakelite® product

about Bakelite® PF 2020



When the Belgian-American chemist Leo Baekeland invented Bakelite® in 1907, he might never have thought that he created one of the **most significant and versatile technical materials ever**. From everyday objects to high-performance under-the-hood parts: Bakelite® thermosets are used in a variety of applications.

Therefore, Bakelite® is often referred to as **the material of the 1000 possibilities**: Compared to other technical materials, it is in terms of processing, applicability and profitability equivalent, if not superior.

Remarkable heat resistance, surface hardness, difficult flammability, dimensional stability, chemical resistance and electrical insulating properties: There is no better material than Bakelite® phenolic molding compounds.
Recyclability, attractive design and feel are the advantages of this material.

With Bakelite® PF 2020 we go one step further and
create a product that focuses holistically on sustainability.
Bakelite® of a new generation.

next generation
BAKELITE®
technology

Bakelite® PF 2020

Use resources responsibly.
Produce products sustainably.

next generation
BAKELITE®
technology

1. We process renewable raw materials

2. We reduce Waste through recycling

3. We work with local suppliers

4. We have a certified energy management

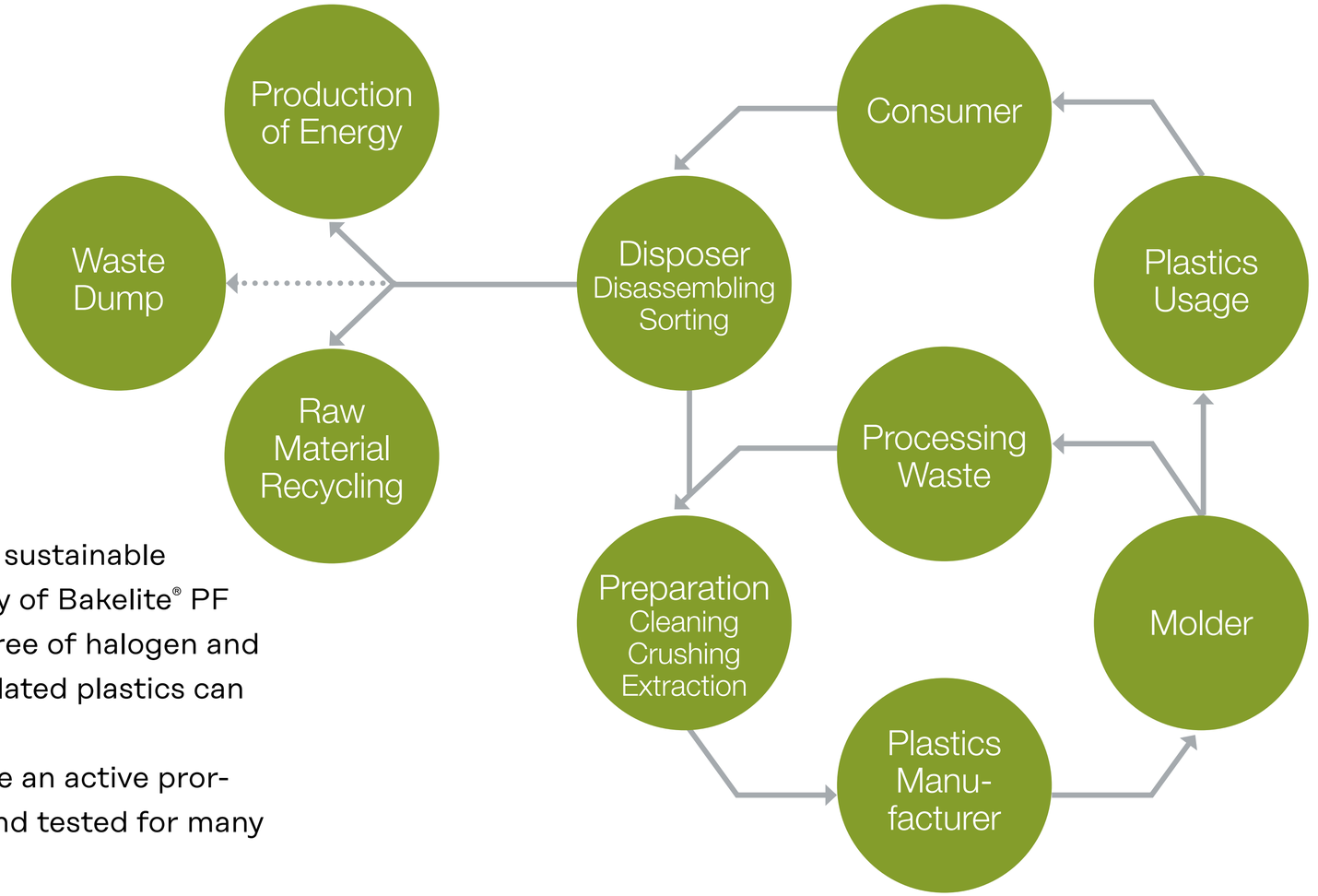
5. Our partners are state of the art certified guidelines

1. Responsible usage of the resources of nature.

Our research and product development is about sustainability. We work daily to design and improve our products and processes in harmony with nature.

Bakelite® PF 2020 focuses on environmental protection: Through the targeted use of **renewable natural raw materials** - such as wood flour which is a significant and integral part of the formulation - and the use of secondary raw materials, we have succeeded in closing the gap between ecology and economics.

2. We take care of a sustainable cycle.

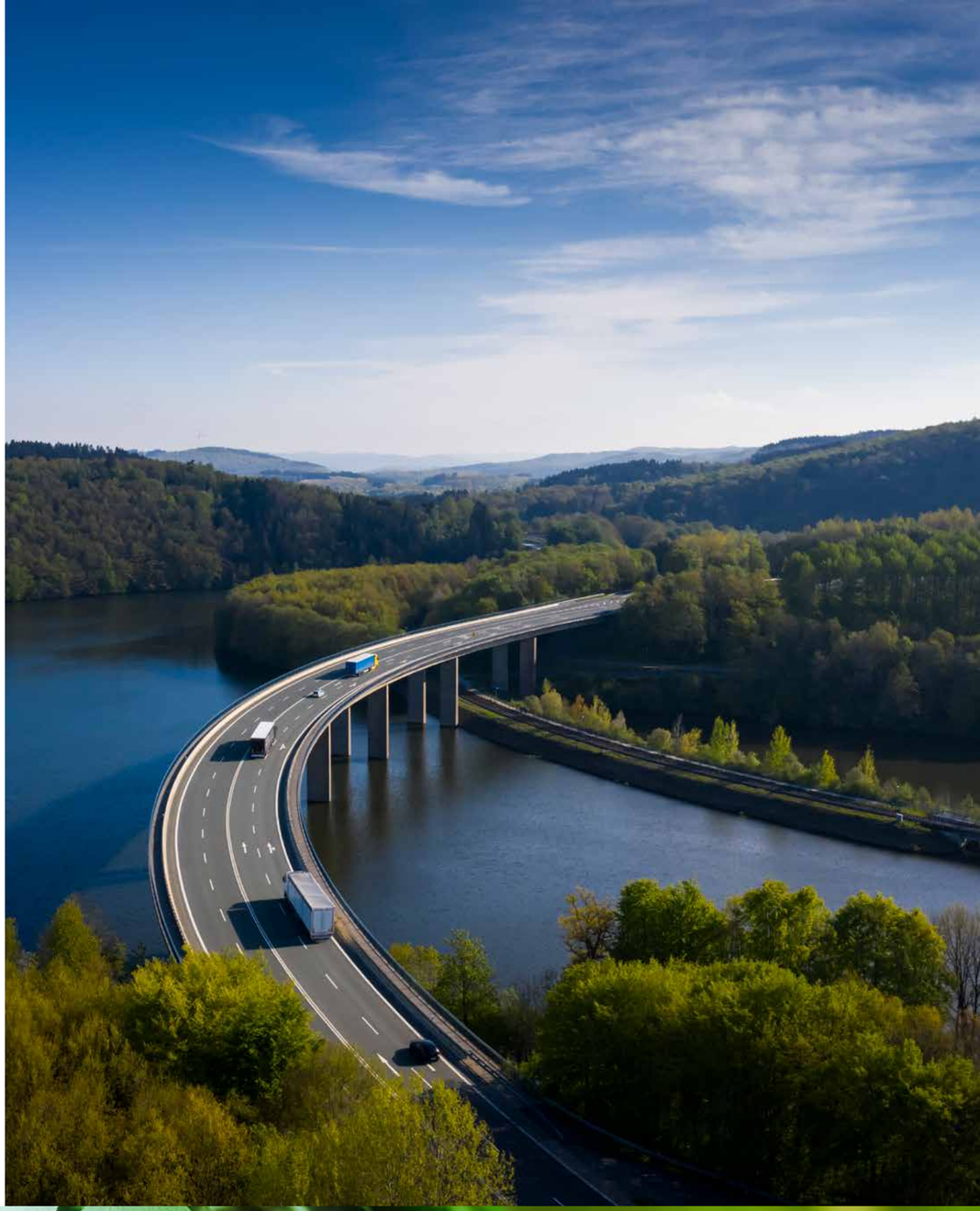


Another important building block of sustainable resource management is recyclability of Bakelite® PF 2020. Engineering Thermosets are free of halogen and heavy metals. Therefore the regranulated plastics can be used again.
Recycling concepts for that circle are an active prorgramme and have been developed and tested for many years for a significant
reduction of waste dump.

3. Trust and closeness are basic principles of our actions.

We are part of a value chain
responsible network partners.
We are committed to each other and
We take that very seriously.

The local proximity guarantees a more environmentally friendly logistics.



4. We already use today the energy of tomorrow.

Not only in the choice of raw materials, but also in the processing is the protection of the environment and sustainability supreme motto:

By introducing certified energy management, we are already making a significant contribution to a green production - and we are committed to doing so in the future continue to optimize.

Where possible, we lower our energy consumption, which reduces the emission of CO2.

5. An environmentally conscious network of certified partners.

We want to be a pioneer and visionary and choose our partners very conscious and the highest Quality and ethics criteria.

This is how we become part of a value chain responsible network partners.

a new age.
a unique look.

next generation
BAKELITE®
technology

made of
BAKELITE®
technology

made of
BAKELITE®
technology

Let‘s talk about your project!

BAKELITE
SYNTHETICS

Our basic values
are ethics and integrity.
We are committed to the good.
We say what we mean and
we do what we say.

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