Granulate for injection moulding and extrusion

- Mouldable like plastic
- Robust like wood
- Consistently homogenised
- Complies with the German standards for toys and food products
- Contains no formaldehyde, chlorine or phenol, odourless
- Recyclable

Natural fibres. Simple and effective.

JELUPLAST®
The Biocomposite
JELUPLAST® for all applications
The biocomposite from JELU is suitable for:

- Injection moulding
- Extrusion
- Compression moulding

A small selection of products manufactured from JELUPLAST®.

Injection moulding
- Toys
- Wine capsules
- Organiser boxes
- Vanity cases
- Plug-in frames
- Centre consoles

Extrusion
- Decking boards
- Landing stages
- Pool surrounds
- Profiles
- Panels
- Pallets
JELUPLAST® – the individual composite
The ecological alternative to plastic

Contents

1 plastic
- PE from crude oil
- PE from sugar cane
- PP from crude oil
- TPS from corn starch
- PLA from renewable resources

1 fibre type
- Wood fibres
- Cellulose

up to 9 additives
- Bonding agent
- Impact strength modifier
- UV stabiliser
- Thermal stabiliser
- Flow improver
- Processing improver
- And others

Properties
(adjustable through plastic and additives)
- Weather-resistant
- Moisture-resistant
- Especially impact-resistant
- Compostable
- And many more

JELUPLAST® is a biocomposite made from wood fibres, plastic and additives:

- The wood fibres are of a certain size and determine the physical and mechanical properties of the biocomposite.
- The plastics are food-safe and environmentally friendly.
- The properties of JELUPLAST® can be modified individually depending on processing and application.
JELUPLAST® – the alternative to plastic

What's special about our bioplastic

JELUPLAST® is:
- Consistently homogenised
- Easily dosed
- Suitable for extrusion, injection moulding and compressing moulding

JELUPLAST® has:
- Outstanding flow properties
- Constant process parameters in extrusion and injection moulding processes
- Good application-oriented mechanical properties

JELUPLAST® can be:
- Dyed
- Glued
- Welded
- Painted
- And much more besides

Our offer to you:
- We supply our bioplastic with properties individually tailored to your application.
- You can mix and process the granulate with other additives.
- You can return your residues and surplus to us. We turn these back into high-quality granulate material for your downstream processing application.
JELUPLAST® – the modern bioplastic

JELUPLAST® consists of wood fibres and food-safe plastic:

- No PVC
- No chlorine
- No formaldehyde
- No plasticisers
- No phenol
- Recyclable
- Reusable
- Water-resistant
- Temperature-resistant
- Dimensionally stable
- Odourless
- Durable
- Resilient
- Sound-absorbent

Quality made in Germany.
We manufacture exclusively in Germany and offer:

- Combined strengths
- Lean processes
- Quality made in Germany

JELU-WERK is a medium-sized family-owned company. We process natural fibres to produce bioplastics and functional additives.

Our global network comprises sales and service partners worldwide.