

OPTIFLAVAN

PERFORMANCE IN FRP



Reaching your goal with
lightness & sustainability

POLYDET® r-PET

The **POLYDET® r-PET** product line represents a new generation of environmentally friendly fiber-reinforced plastics.

The resin consists of up to 30 % PET recyclate, which is obtained from post-consumer waste.

This way, recycled residual raw materials are used more consciously and sustainably and are fed back into the economic cycle.

Environmentally Friendly

- recycling of post-consumer PET-waste
- environmentally friendly use of resources
- lower energy consumption in production than aluminium and steel
- resistant & durable

Light

- high potential for lightweight construction
- increase in payload
- reduction of CO² emission
- easy handling

Powerful | Aesthetic

- high mechanical strength
- UV, corrosion and weather resistant
- minimal care and maintenance
- visually appealing surface



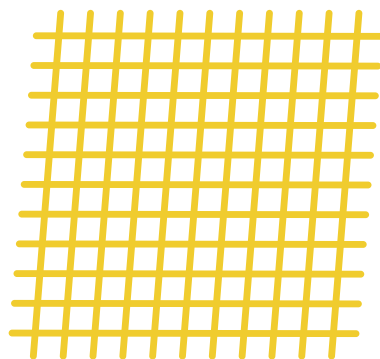
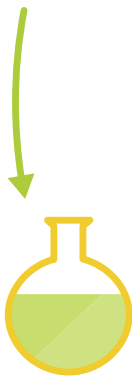
For a better world

Reaching your Goal with Lightness & Sustainability

Sustainability is playing an increasingly important role today. In the view of global climate change and increasing environmental pollution, measures must be taken with the aim of reducing the ecological footprint and improving the resource efficiency of existing material systems.

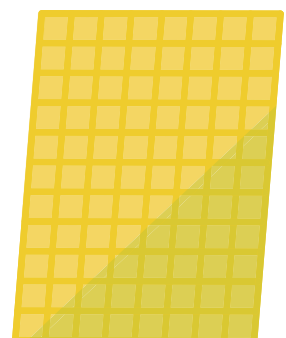
With **POLYDET® r-PET, OPTIPLAN** takes up the idea of sustainability to lead the way with environmentally friendly lightweight solutions and provide answers to tomorrow's challenges.

post-consumer
waste



up to 30 %
PET recycle

FRP



Industries

Motorhome | Caravan

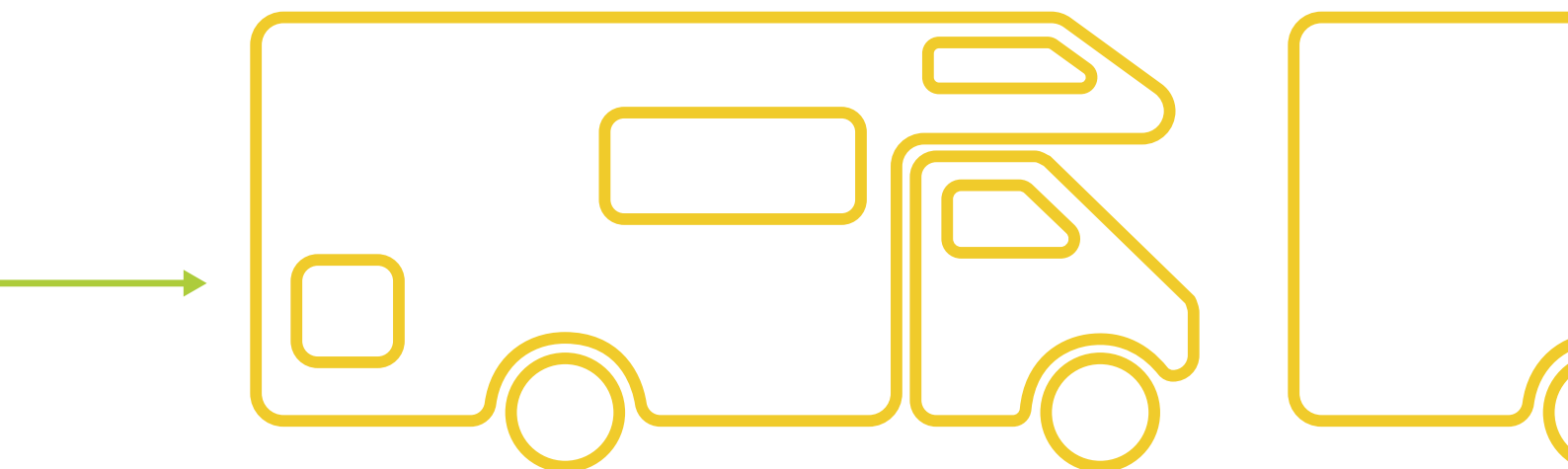
POLYDET® r-PET is a very robust and durable material that is highly resistant to environmental influences such as UV, weather, hail and humidity. In addition to easy care and maintenance, it is corrosion-resistant (rust-free) and allows individual coloring for

- interior wall | exterior wall
- inner floor | underfloor
- roof

Commercial Vehicles | Last-Mile | e-Mobility

POLYDET® r-PET is characterized by its high strength and low weight. Payload and CO² emissions can be optimized as a result. With the best impact properties as well as low care and maintenance requirements, it is ideal for

- interior wall | exterior wall
- floor
- roof



Construction | Architecture | Building Technology

POLYDET® r-PET is thanks to its resistance to heat, moisture and chemicals, a durable and efficient light-weight material. Simple processing and assembly offer a wide range of possible applications

- wet | drywall
- facade cladding
- decorative elements for wall | ceiling
- wet room
- modular house | tiny house | container
- cold storage cell | cold room
- enclosure for heating | ventilation | air conditioning

new
recycle



OPTIPLAN

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Member of  senata Group

Am Johannisberg 9–13
08606 Oelsnitz
Deutschland

+49(0)374214940
sales@optiplan.eu
www.optiplan.eu